

**CARROT 3 - CHILD RESTRAINT SYSTEM**  
For Children with Special Needs

**Instruction Manual**

**Convaid**  
**CARROT**  
**3**



**WARNING**  
Read all instructions  
before using this  
restraint system.



## CARROT 3 CHILD RESTRAINT SYSTEM

The Carrot 3 is designed to provide additional support for children who have difficulty sitting correctly in conventional car seats. Always consult your doctor to make sure that this restraint system is suitable for your child.

### Table of Contents

<b>WARNINGS</b> .....	4
<b>SAFETY INFORMATION</b> .....	6
Certification .....	6
Important Notes .....	6
<b>FEATURES</b> .....	9
<b>INSTALLATION</b> .....	10
LATCH Installation .....	10
Top Tether Strap Installation Guide .....	11
Using LATCH Top Tether Strap .....	12
Securement Strap Installation .....	13
Aircraft Installation.....	14
<b>PADS AND SEAT CUSHIONS</b> .....	17
<b>HEAD SUPPORT</b> .....	18
Head Support Depth Adjustment.....	18
Head Support Contour Adjustment.....	18
Head Pillow Adjustment.....	18
<b>SHOULDER SUPPORT</b> .....	19
Harness Strap Adjustment .....	19
Harness Strap Length Adjustment.....	19
Shoulder Strap Comfort Pad .....	20
Shoulder Protector Wing.....	20
Shoulder Protector Wing Installation .....	21
<b>CHEST SUPPORT</b> .....	22
Chest Support Pad Adjustment.....	22

## Table of Contents

Harness Buckle - Fastening / Releasing .....	22
<b>LATERAL SUPPORT</b> .....	23
Lateral Support Adjustment .....	23
<b>BACKREST</b> .....	24
Backrest Extensions .....	24
Backrest Height Adjustment.....	24
<b>SEAT</b> .....	25
Seat Depth Adjustment .....	25
Seat Extensions.....	25
Rodded Seat Extension - Long .....	26
Rodded Seat Extension - Short .....	26
Pommel.....	27
Pommel Attachment .....	27
Footrest Adjustment (Small / Medium / Large).....	27
Support Tray .....	28
Wedge Cushion .....	28
Anti Adduction / Knee Separator Pad .....	28
Removable Incontinence Receiver.....	29
Anti-Escape Vest .....	30
Hinge Lock Belt - for easy carrying .....	30
<b>SECURING YOUR CHILD</b> .....	31
<b>CARE AND MAINTENANCE</b> .....	33
Upholstery, Cushions, Pillow & Pads.....	33
Harness Buckle .....	33
Harness & Straps.....	33
<b>WARRANTY</b> .....	34
Consumer Information Record .....	34
Warranty .....	35
Limitations.....	35
Damages.....	35



**WARNING!**  
**SERIOUS INJURY or DEATH** can occur

- Use only with children who weigh between 30 and 108 pounds (mass between 13.6 and 49kg) and whose height is between 37 and 60 inches (94 and 152 cm).
- Use only in a forward-facing position.
- Use Carrot 3 ONLY with forward-facing vehicle seats. Do not use restraint with side-facing, rear-facing or flip-down vehicle seats.
- According to accident statistics, the National Highway Traffic Safety Administration recommends the vehicle's rear seat is the safest location for a properly installed child restraint system.
- Do not use the Carrot 3 in the front seat of the vehicle unless the passenger air bag is turned off. Serious injury or death can occur. Refer to your vehicle owner's manual for instruction, warnings, and precautions.
- Adjust the harnesses and belts for a comfortable and snug fit around your child. There should not be any slack or twist in the straps, and the straps should not press on the child's skin or push the child's body into an unnatural position.
- Never leave a child unattended in the vehicle even if they are secured in the Carrot 3.
- Secure the Carrot 3 to the vehicle's seat with the upper top tether strap and lower anchor straps (LATCH).
- Use the Carrot 3 only with vehicles with lap shoulder 3-point safety belts approved by FMVSS 209.
- Rigid items & plastic parts of the restraint system must be located and installed so they do not become trapped by a movable seat or in a door of the vehicle.



**WARNING!**  
**SERIOUS INJURY or DEATH** can occur

- Discontinue use of your Carrot 3 if it has been involved in ANY type of accident. It may no longer be effective and should be replaced immediately.
- The Carrot 3 must not be used in homes, boats or any other non-certified applications.
- Always keep the Carrot 3 secured in the vehicle, even when not in use. In an accident, an unsecured Carrot 3 may injure other occupants.
- Do not use the Carrot 3 in a vehicle with passenger air bags unless the air bags are turned off. Serious injury or death can occur. Refer to your vehicle's owner's manual for instructions, warnings and precautions.
- When using the Carrot 3 in a vehicle with side air bags, refer to your vehicle's owner's manual for instructions, warnings and precautions.
- The Carrot 3 should not be used without an upholstery cover.
- Please use recommended manufactures when replacing the upholstery cover.
- Follow all instructions. The instruction manual can store in the pocket behind backrest of the Carrot 3.
- Never use the adjustment straps to lift or carry the Carrot 3. This can damage the mechanism and the webbing.
- Do not remove the harness and straps from the Carrot 3. Never remove the buckles and/or the buckle clasps from the harness or the straps.
- The primary protection for occupants of a vehicle in a collision is the body of the vehicle itself; a child restraint will not protect a child when a vehicle is seriously impacted. However, correctly installed, a child Carrot 3 will substantially improve chances for survival in most crashes. Make sure all users fully understand the correct ways to use Carrot 3 in a vehicle.
- Please register your Carrot 3 with the manufacturer.

## Safety Information

### Certification

The Carrot 3 conforms to U.S. Federal Motor Vehicle Safety Standard FMVSS 213 and European Safety Standard ECE R44/04.

- Carrot 3 is certified for use in motor vehicles.
- Please register the Carrot 3 with the manufacturer.

### Important Notes

Correctly set up and install the Carrot 3 before using. Before each use, verify it is securely installed to the vehicle seat and the harness is properly adjusted around child.

- Adjust harness to fit securely around the Child's clothes. Remove bulky coats and/or jackets before putting child in restraint system.
- Cover the Carrot 3 when vehicle is parked in direct sunlight. Parts of the Carrot 3 could become hot and cause injury to a child.
- Store the Carrot 3 in a safe place when not in use. Avoid placing heavy objects on top of it.
- Never leave children alone in a vehicle, even for a short time.
- Do not attempt to disassemble any part of the Carrot 3 or modify it in any way that is not described in this manual.
- Do not leave loose objects, e.g. books, bags, etc., in the back of a vehicle. In the event of a sudden stop, loose objects will keep moving, potentially causing serious injuries.
- Make sure vehicle seats that fold forward are securely locked in their open position.
- An unsecured vehicle seat back could prevent the Carrot 3 from protecting the child completely.
- Do not use anything to raise Carrot 3 off vehicle seat except as described in this manual. In an accident, the child restraint may not adequately protect the child.
- Do not allow children to play with this or any child restraint system.
- The Carrot 3 is recommended to be used in the upright position.



### WARNING!

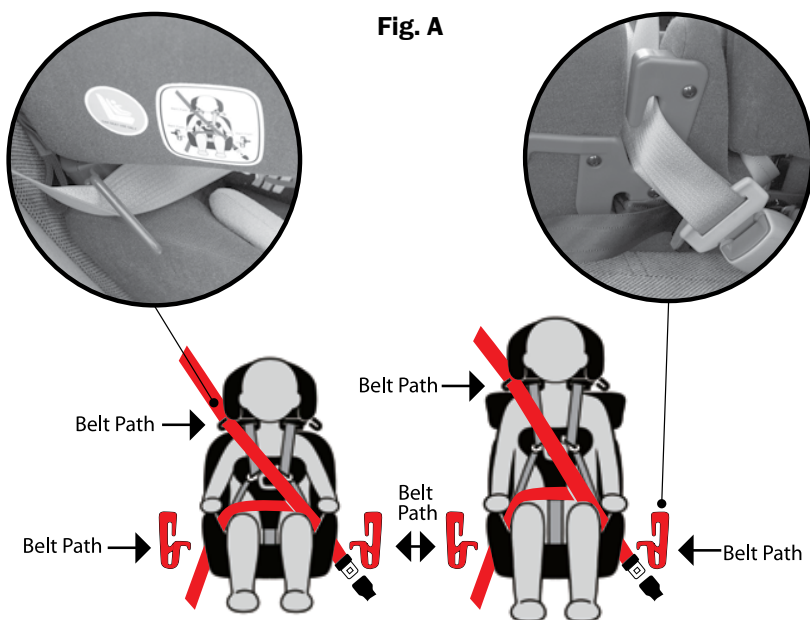
The Vehicle's lap shoulder (3 point) safety belt **MUST BE USED** in addition to the harness straps (5 point) of the Carrot 3.

**DO NOT** secure a child only with the harness straps (5-point) of the Carrot 3; **ALWAYS** use the vehicle's lap shoulder (3-point) safety belt at the same time to secure the Carrot 3 and the child.

Not using vehicle's lap shoulder (3-point) safety belt could cause your child restraint to not perform as intended, and increase the potential of serious injury or death.

**Figure A.** below illustrates a vehicle lap and shoulder (3-point safety) belt secured over the Carrot 3. The Carrot 3 is shown at its smallest and largest configurations.

**IMPORTANT:** Upper belt path should be above occupant's shoulder for proper securement.



## Safety Information



### **WARNING!**

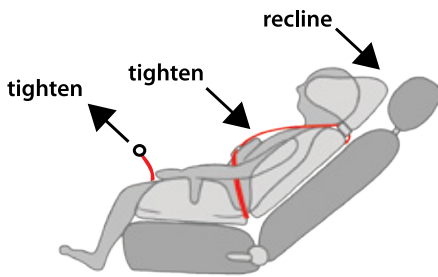
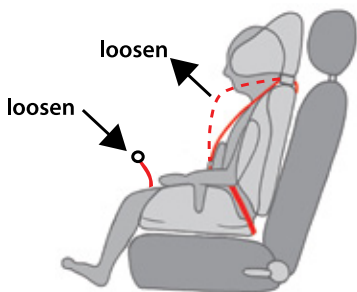
The Carrot 3 must be used in a forward-facing position only.



### **WARNING!**

Before reclining the back, you must release and loosen the harness straps. Once reclined, re-tighten the harness straps. Reclining the back without loosening the harness straps may cause choking.

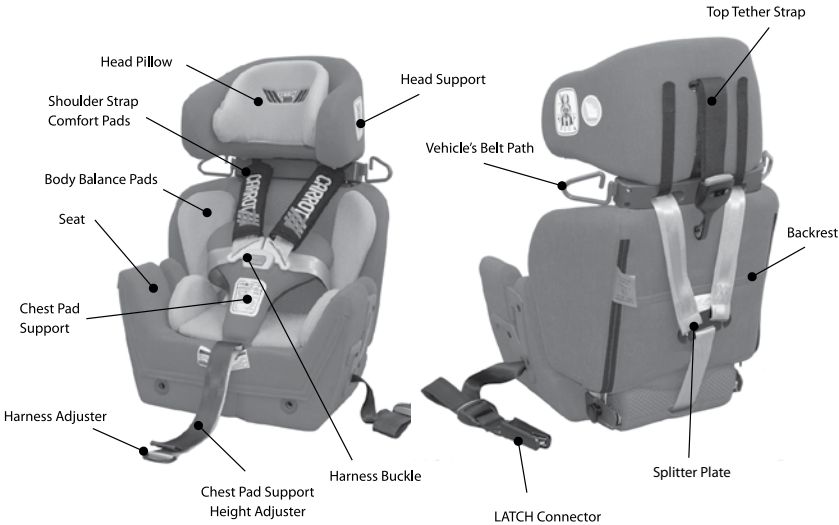
The Carrot 3 was tested at a 30° recline from vertical, and should not be transported in a moving vehicle past this point.



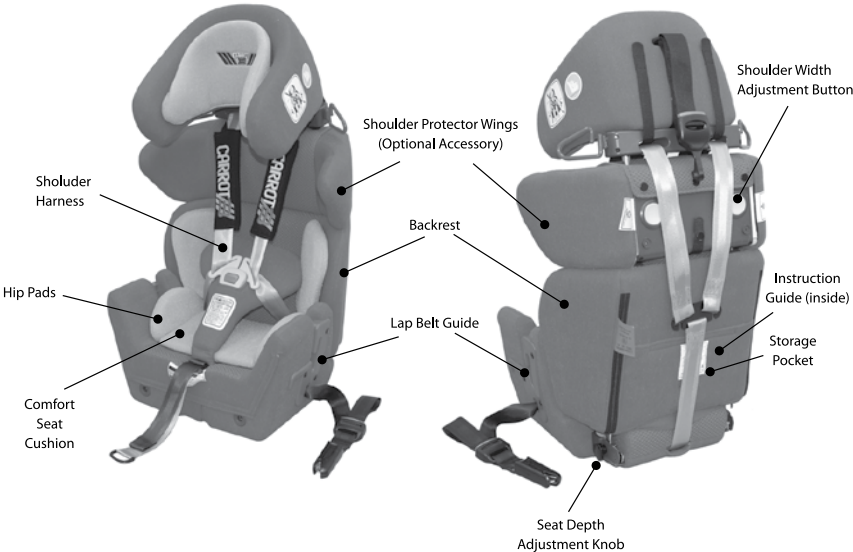


# Features: Carrot 3

## Carrot 3 Standard Model



## Carrot 3 with Shoulder Protector Wings



## Vehicle Installation



### LATCH Installation

Carrot 3 system is recommended for use in a vehicle with LATCH anchors. Verify that your vehicle is equipped with LATCH anchors. If your vehicle is not equipped with LATCH anchors refer to page 13 regarding installation and use of lower securement strap.

Lower LATCH Installation:

1. Press and hold the first LATCH adjuster release button, then pull the LATCH strap to full length. Repeat for the remaining LATCH connector (**Fig. A**).
2. Place the Carrot 3 forward-facing on the vehicle seat.
3. Attach one LATCH connector to its adjacent vehicle LATCH anchor (**Fig. B**).
  - a. An audible click confirms attachment
  - b. Ensure that the LATCH strap is not twisted.
4. Attach the remaining LATCH connector to its adjacent vehicle LATCH anchor.
  - a. An audible click confirms attachment
  - b. Ensure that the LATCH strap is not twisted.
5. Push the Carrot 3 into the vehicle seat while pulling each LATCH strap tight (**Fig. C**).



Fig. A



Fig. B



Fig. C

### NOTE:

If an audible click is not heard when connecting either LATCH connector, the LATCH strap may be twisted, or there may be debris in the LATCH connector. Correct either situation before continuing with the installation process.

### IMPORTANT:

Ensure the LATCH strap does not fold into the LATCH adjuster while tightening.

### Top Tether Strap Installation Guide

#### Installing top tether strap (if not factory installed):

1. Make a 2.5" horizontal cut approximately 3" below the top center at the rear of the head rest to reveal the mounting area. (Figs. A and B)

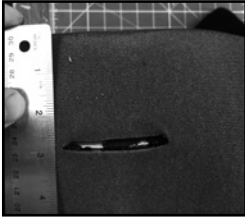


Fig. A

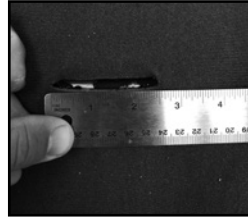


Fig. B

2. Insert mounting bracket and secure with the screws provided. Make sure bracket is positioned correctly as shown. (Figs. C, D, E, F, and G)

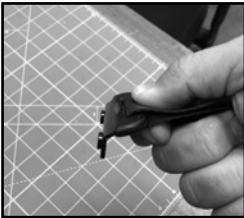


Fig. C



Fig. D



Fig. E



Fig. F



Fig. G

## Vehicle Installation

### Using LATCH Top Tether Strap

If your vehicle is equipped with LATCH Top Tether Anchor points, you can use the Top Tether Strap to attach the Head Support.

**NOTE:**

All vehicles manufactured since September 1, 2002 are equipped with tether anchors located behind the rear seats.

1. Consult your vehicle owner's manual to locate the tether anchor points.
2. Pull and fully extend the top tether strap.
3. Locate the hook on the strap and loosely attach the tether strap to the anchor point.
4. Pull the tether strap to remove ALL slack (**Fig. A and B**).
5. Make sure the tether strap is taut and that the child seat is properly secured.



Fig. A (Car)



Fig. B (Van)

## Installing Lower Securement Strap:

1. Remove shoulder harness strap from the splitter plate. Retract harness strap through shoulder harness openings. **(Figs. A & B)**



Fig. A



Fig. B

2. Pull and hold the black “D” shaped ring at the top of the backrest to release lock and remove backrest. **(Figs. C & D)**



Fig. C



Fig. D

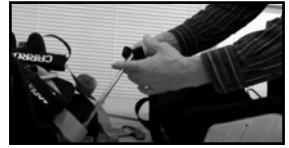


Fig. E

3. Thread the lower securement strap ends with loops over the metal bars. **(Fig. E)**
4. Reassemble the seat by reversing steps above.

## Seat Installation in Vehicle:

1. Place the Carrot 3 in the vehicle on the appropriate seat. **(Fig. F)**
2. Unbuckle lower securement strap and secure it around the lower part of vehicle seat. **(Fig. G)**
3. Next, unbuckle top securement strap and secure it around the headrest of the vehicle seat. **(Fig. H)**



Fig. F



Fig. G



Fig. H

## Aircraft Installation

### Aircraft Installation

Most airlines allow the use of a child restraint if it has been approved for airline use and properly fits into the aircraft. Contact your airline about their child restraint policy before traveling.

- This Carrot 3 is FAA certified.
- The FAA recommends that a child weighing up to 40 lbs (18.1 kg) use a certified harness child seat while traveling on an aircraft.
- Install your Carrot 3 in a window seat to avoid blocking the aisle.
- If the aircraft lap belt is too short, ask a flight attendant for a belt extender.
- The Carrot 3 may not fit in all aircraft. Contact your airline prior to travel to verify fit. The width of the aircraft seats needs to be 18" minimum.



This Carrot 3 is Certified for Use in Motor Vehicles and Aircraft.

### Securing Your Carrot 3 in Aircraft

The Federal Aviation Administration (FAA) recommends that you secure your child for air travel in an appropriate child restraint based on your child's weight and size. Turbulence can happen with little or no warning. When turbulence occurs, **the safest place for your child is in a properly installed child restraint, not in an adult's lap or on the aircraft seat with its seat belt.** Keeping your child in a child restraint during the flight will help ensure your family arrives safely at your destination.

The FAA recommends that a child weighing:\*

- more than 18 kg (40 lbs) use an aircraft seat belt;
- from 9 to 18 kg (20 to 40 lbs) use a forward-facing child restraint.

**\* Please note that these FAA recommendations may vary from those applicable to the use of your child restraint in a motor vehicle.**



## Installation of Carrot 3 Fixing Strap

When you use the Carrot 3 in an aircraft, you will need to use the Carrot 3 Fixing Strap. This strap is long enough to tether the Carrot 3 around the Aircraft seat. With this system you can fasten/unfasten and tighten/loosen the strap from either side of the seat so that the Carrot 3 can be put at any seat in the aircraft. Install Carrot 3 Fixing Strap prior to boarding aircraft. The set consists of three parts, two buckles and one center strap. No tools required for the installation. **(Fig. A)**

- First, unfasten the harness buckle. **(Fig. B)**
- Then press and hold the Head Support release buttons and removed head support. **(Fig. C & D)**
- Put the buckle pieces on the rods. There is no left or right side, but make sure the “PRESS” sign (in red) is facing upwards. **(Fig. E)**
- Put the head support back onto the shoulder. **(Fig. F)**
- Confirm secure fixation with an audible click and response. **(Fig. G)**

Now you are ready to fasten/unfasten and tighten/loosen the center strap from both sides. **(Figs. H & I)**



Fig. A



Fig. B



Fig. C



Fig. D



Fig. E



Fig. F



Fig. G



Fig. H



Fig. I

## Aircraft Installation

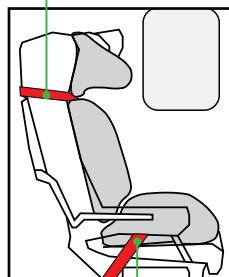
### Installing the Carrot 3 Forward-facing in Aircraft

**IMPORTANT:** Before installing the Carrot 3, make sure the aircraft seat is in a fully upright position.

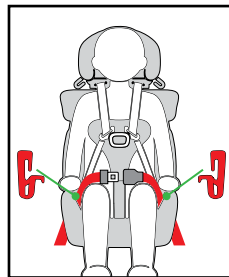
1. Adjust the Carrot 3 to its upright position, then place it on the aircraft seat forward-facing, as shown in **Fig. A**.
2. Make sure that the back of the Carrot 3 is firmly against the aircraft seatback.
3. Attach the Carrot 3 Fixing Strap around the back of the aircraft seat and tighten. Visit [www.youtube.com/watch?v=us8\\_c\\_Vm6hA&t=98s](http://www.youtube.com/watch?v=us8_c_Vm6hA&t=98s) for installation into aircraft.
4. Place child into the Carrot 3 and attach the harness refer to page 31. Then install the aircraft seat belt through the lower belt guides (**Fig. B**) and over the child. Pull on the aircraft seat belt after securing the child, to ensure the aircraft buckle clasps are secure.

**Check your work.** Try to move the Carrot 3 in all directions. If you can move the Carrot 3 more than 2.5 cm (1 in.) side to side or front to back at the forward-facing belt path, the Carrot 3 Fixing Strap is not tight enough, and you **MUST** tighten the straps again until the seat is secure.

Carrot 3 Fixing Strap



**Fig. A** Aircraft Belt



**Fig. B**



### Pads and Cushions (STANDARD ACCESSORIES)

The following Pads and Cushions are provided as standard accessories, and easily attach / adjust with Velcro®.

#### Head Pillow

Provides comfort and lateral head support.

#### Body Balance Pads

Used to balance / position the user.

#### Hip Pads

Provides proper positioning for balance, comfort and support.

#### Comfort Seat Cushion

Provides additional comfort and prevents the child's pelvis from slipping forward. Comfort cushions are required for occupants that are 40 lbs or less.



## Head Support

### Head Support Depth Adjustment

The Head Support can be adjusted forward or backward by 0.6" (1.5 cm) increments to provide a better fit and added protection for the occupant (**Fig. A**).

To Adjust: Remove screws on each side of the head support with a Phillips screwdriver. Move the head support to selected position, and reinsert screws (**Figs. B & C**).



Fig. A



Fig. B

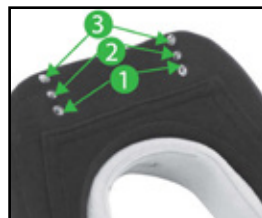


Fig. C (Use holes 1,2 or 3 on both sides)

### Head Support Contour Adjustment

The head support can be contoured to better fit and protect the head. This adjustment must be performed on limited bases (to not weaken the head support structure) by the dealer.



### Head Pillow Adjustment

The Head Pillow provides added comfort and positioning.

To reposition: Grasp the head pillow and pull it away from the head support. Place the head pillow where desired and press down to affix Velcro®.



## Harness Strap Adjustment

The Harness Strap comfortably positions the child in place.

To tighten the shoulder harness strap, pull on the harness adjustment strap (**Fig. A**).

To loosen the harness strap, press and hold the harness release lever (Red), while pulling the shoulder harness strap (**Fig. B**).

### NOTE:

Do not pull on the padded covers or chest support pad when loosening the harness strap.

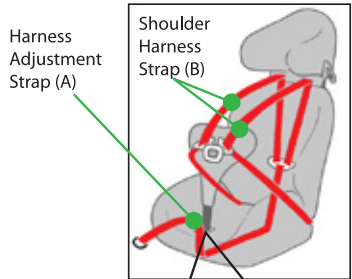


Fig. A

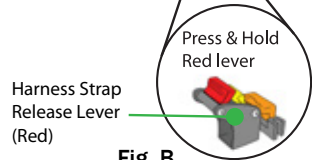


Fig. B

## Harness Strap Length Adjustment

If the backrest height is extended or the shoulder protector wings are installed, the harness belt may need to be lengthened.

1. Turn the black knobs (left and right) counterclockwise and remove (**Fig. A**).
2. Separate the seat base from the backrest.
3. Pull the webbing (strap) out of the tube on the seat.
4. Replace the webbing (strap) utilizing the loop at the end of the webbing. Before replacing, fold the end of the loop and put it on the tube. This will make it easier to locate the hole on the tube to screw in the black knob (**Fig. B**).
5. Reattach the black knobs. Make sure that the black knobs are securely tightened (**Fig. C**).



Fig. A



Fig. B

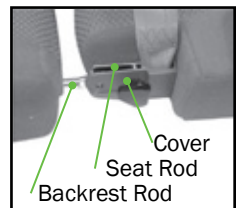


Fig. C

## Shoulder Support

### Shoulder Strap Comfort Pad

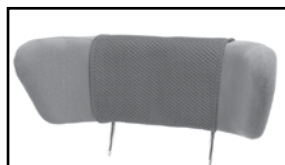
The shoulder strap comfort pad can be moved by readjusting the Velcro® attached to the back of the Head Support.



### Shoulder Protector Wing (OPTIONAL ACCESSORY)

The Shoulder Protector Wing provides additional positioning support and trunk alignment and can also be used to extend the height of the backrest by 6". The Shoulder Wing has up to 4" of width adjustment.

To adjust the width, press/ hold the yellow button on the back of the shoulder wing, and pull the shoulder wing outward to the desired position. (Fig. A).



#### IMPORTANT :

As your child grows and the Shoulder Protector Wing is utilized. You may need to adjust the length of the Harness Strap after adding the Shoulder Protector Wing. (see page 21).

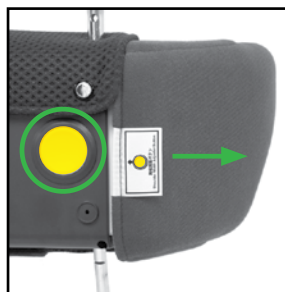


Fig. A

### Shoulder Protector Wing Installation

1. Detach shoulder harness straps from splitter plate. (**Fig. A**).
2. Pull the harness straps and padded cover Velcro® straps through the back of the seat. (**Fig. B**).
3. Press and hold the Head Support release buttons, and remove the head support (**Fig. C & D**).
4. Remove 2 screws located on the rods (**Fig. E**)
5. Insert head support rods into the shoulder wing rods, and press together (**Fig. F**).
6. Align the holes located on the rods, insert 2 screws and tighten. (**Fig. G**).
7. Attach shoulder wings/head support to the seat. (**Fig. H**).
8. Re-thread harness straps and padded cover Velcro® straps, and reconnect to the harness strap splitter plate.



Fig. A



Fig. B

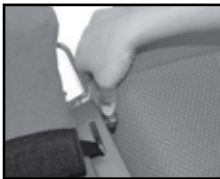


Fig. C



Fig. D

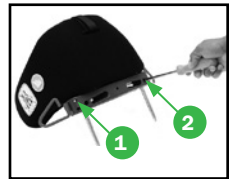


Fig. E



Fig. F

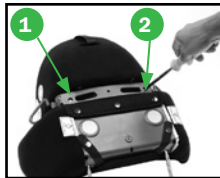


Fig. G



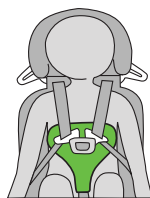
Fig. H

## Chest Support



### WARNING!

The top of the Chest Support Pad must be at armpit level or lower. Positioning the support pad too high may cause choking



## Chest Support Pad Adjustment

To raise the height of the Chest Support Pad, press & hold the Height Adjustment Lever (Yellow) on the front of the child seat, and pull on the pad (**Fig. A**). To lower the chest support pad, pull the chest support strap (**Fig. B**).

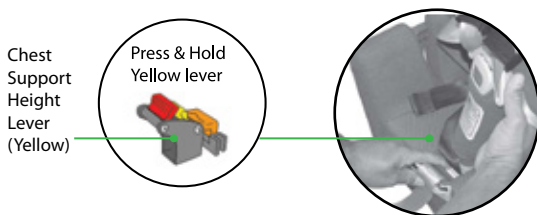


Fig. A



Fig. B



Fig. C

## Harness Buckle - Fasten / Release

1. Fasten: Hold the harness buckle with one hand. Use the other hand to insert buckle clasps into the harness buckle (**Fig. C**). Proper connection is confirmed when you hear an audible click after inserting each buckle clasp.
2. Release: Hold the harness buckle with one hand. With the other hand, press the release button and remove both clasps from the buckle (**Fig. D**).



Fig. D

### Lateral Support Adjustment (OPTIONAL ACCESSORY)

Lateral supports are used to maintain midline positioning of the trunk.

To adjust:

1. Unfasten the Velcro® and the zipper on the back upholstery.
2. Pull back the upholstery. (**Fig. A**)
3. Loosen 2 screws with a 7/64" Allen Wrench. (**Fig. B**)
4. Slide lateral support to desired height and width. (**Fig. C**)
5. Retighten the screws. (**Fig. D**)
6. Repeat steps 2 - 5 on opposite side.
7. Secure the upholstery.



Fig. A

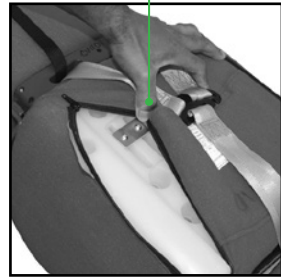
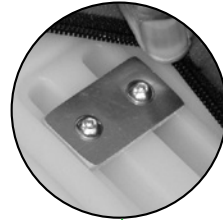


Fig. B



Fig. C



Fig. D

## Backrest

### IMPORTANT:

- Height of the shoulder harness strap moves with the height of the backrest.
- The Shoulder Harness Strap must be at or above the child's shoulders, and parallel to the ground. (Fig A)
- The Shoulder Harness Strap is for positioning only, and not designed to support occupant in a crash.

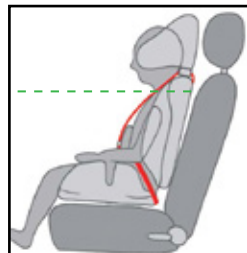


Fig. A

### Backrest Height Adjustment

The height of the backrest can be adjusted an additional 5" as the child grows.

To adjust: Pull and hold the black "D" shaped ring at the top of the backrest to release lock. (Fig. B) While pulling the release lever, move backrest to desired height and release ring. To fully engage the lock, slightly move backrest until it "clicks" into place.



Fig. B

**Note:** After adjusting the height of the backrest to a more extended position, the harness belt may need to be lengthened. Please refer to instructions for Harness Belt Length Adjustment on bottom of page 19 .

### Backrest Extensions - 2" or 4" (OPTIONAL ACCESSORY)

Backrest Extensions are designed to fill the space exposed between the backrest and the seat when you extend the backrest. (Fig. C)

To add an extension, snap the Backrest Extension(s) onto exposed rods. (Fig. D)

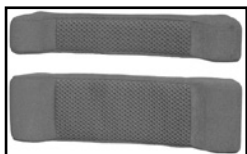


Fig. C



Fig. D Backrest Extensions snaps into place by pushing.



## Determining Proper Seat Depth:

When the child is sitting with knees bent, the total seat depth should be slightly shorter than the length from the pelvis to the rear of the knee. (**Fig. A**)

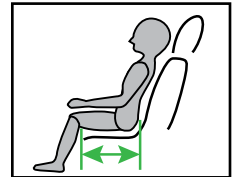


Fig. A

## Seat Depth Adjustment Using Depth Adjustment Knob

The seat depth can be adjusted 1.4" (3.5 cm) by moving the location of the Seat Adjustment Knob. (**Fig. B**)

To change the seat depth; remove the adjustment knob, reposition to the desired location and reattach.

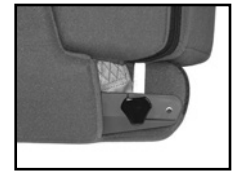
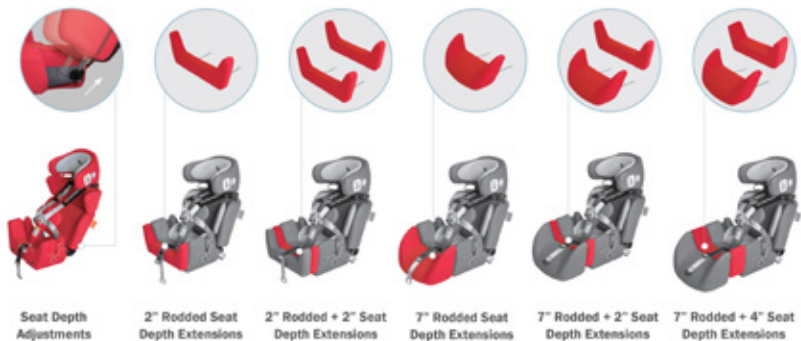


Fig. B

**Note:** The knob MUST go through the plastic cover, the rod and seat rod.

## Seat Depth Adjustment Using Seat Extensions

Seat depth can also be extended up to 11" by using the rodded and non-rodded seat depth extension accessories. The graphic below provides configurations of seat extensions with the corresponding seat depth dimensions.



Position 1 (lock)	9.5"	11.8"	13.8"	16.8"	18.8"	20.8"
Position 2 (lock)	11.3"	13.3"	15.3"	18.3"	20.3"	22.3"

NOTE: 2" & 4" Seat Depth Extensions cannot be used simultaneously when using Rodded Seat Depth Extension

## Seat

### Rodded Seat Extensions (OPTIONAL ACCESSORY)

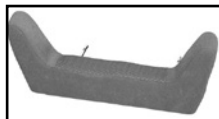
#### Rodded Seat Extension - Long 7"

Allows the legs to be stretched out and comfortably supported.



#### Rodded Seat Extension - Short 2"

Allows the knees to be bent, with the femurs comfortably supported.



### Installing Rodded Seat Extensions

Release lock by pulling the black “D” shaped ring - Seat Depth Release Lever on the front of the Carrot 3, and while pulling the lever (**Fig. A**), insert and adjust the position of the rodded seat extension. (**Fig. B**)

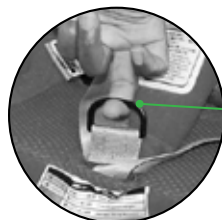


Fig. A

Seat Depth Release Lever



Fig. B

### Seat Extensions (OPTIONAL ACCESSORY)

Seat Extensions are designed to fill the space around the metal rods created when you use a rodded seat extension and/or extend the footrest.

(**Fig. C and D**)

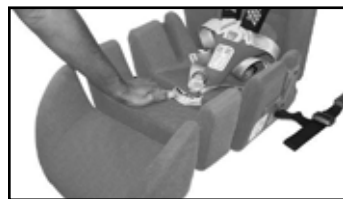
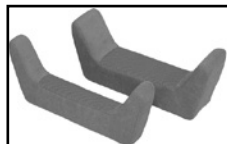


Fig. C Seat Extension snaps into place when used with the Rodded Seat Extension

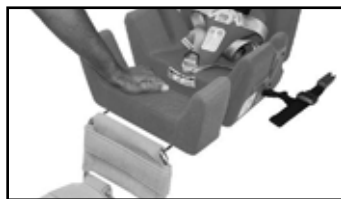


Fig. D Seat Extension snaps into place when used with the with Footrests

### Pommel (OPTIONAL ACCESSORY)

A rodged seat extension is required to attach the pommel to the Carrot 3.

The Pommel separates thighs to improve hip alignment and stabilize sitting posture

#### Pommel Attachment

To attach the pommel, insert the seat extension rods through the holes on the pommel's attachment bracket (**Fig. A**), and into the holes on the front of the Carrot's seat. (**Fig. B**)

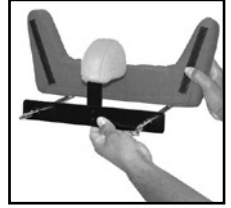


Fig. A

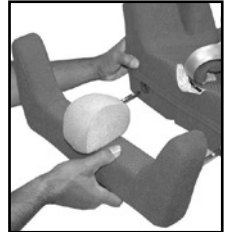


Fig. B

### Footrest (OPTIONAL ACCESSORY)

Footrests are available in three sizes - Short, Medium, and Long.



Short 10" - 12"



Medium 12" - 16"



Long 14" - 18"

Footrest Depth Adjustment: Pull and hold the black "D" shaped ring - Seat Depth Release Lever and adjust to desired position. (**Fig. C and D**)

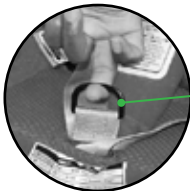


Fig. C

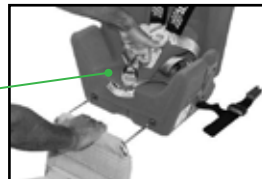


Fig. D

Footrest Length Adjustment: Using a 1/2" wrench, loosen bolts on the bottom of the side support tubes, move footplate to desired position and tighten. Repeat on opposite side.

## Accessories

### Support Tray (OPTIONAL ACCESSORY)

The Support Tray (Upper Extremity Support Surface) provides added support for the upper body. It attaches with Velcro® located on the side of the restraint.



### Wedge Cushion (OPTIONAL ACCESSORY)

The wedge changes the seat base angle by raising the front of the restraint system. Place the wedge under the front of the Carrot 3 seat.



### Anti Adduction / Knee Separator Pad (OPTIONAL ACCESSORY)

This Anti-Adduction Pad can be used facing forwards as a knee separator or facing the back of the Carrot 3 as an anti-adduction pad.

1. Unbuckle the harness strap.
2. Open the Velcro® fastener on the Anti Adduction/ Knee Separator Pad and wrap it around the chest support harness to fasten.



Reverse facing shown

### Removable Incontinence Receiver (OPTIONAL ACCESSORY)

The removable and washable incontinence receiver is made of a fluid-resistant material and helps protect the Carrot 3 upholstery.



1. Release harness strap to set aside.
2. Pull the chest support down in front of the seat.
3. Place the liner with the collar up.
4. Fit each corner well.
5. Tuck the side margins of the liner in between the backrest and the seat.
6. Place the chest support upright and fasten the collar around it.
7. Meet the front edges of the liner and the seat together.
8. Then fasten the front straps to the seat with Velcro®.
9. Then fasten the rear straps to the backrest with Velcro®.

## Accessories

### Anti-Escape Vest (OPTIONAL ACCESSORY)

The Anti-Escape Vest closes the room between the arm and shoulder harness strap which makes it difficult for the user to pull the arm out of the shoulder harness strap to escape from the seat.

The vest is available in sizes small, medium and large.

1. Detach the harness strap from the splitter plate.
2. Pull the harness strap out of the belt guide and shoulder belt pads.
3. Place the vest against the backrest with the black plastic harness rings of the vest at the top.
4. Bend the harness loops up and inward toward the center of the seat.
5. Put each harness strap through each of the harness loops of the vest.
6. Put harness strap through the shoulder belt pads.
7. Then put harness strap through the black rings on top of the vest
8. Make sure the straps are not twisted before the rings.
9. Put the harness strap through the harness belt guides. (**Fig A**)
10. Attach the harness straps to the splitter plate.



Fig. A

### Hinge Lock Belt - for easy carrying (OPTIONAL ACCESSORY)

This Hinge Lock Belt makes carrying the Carrot 3 easier.

1. Slip the loop of the Hinge Lock Belt onto the red metal belt path at the shoulder.
2. Unfasten the belt buckle on the strap.
3. Hook the belt through the red lap belt path on the seat base, and then reconnect the buckle.
4. After reconnecting the belt buckle (**Fig. B**), tighten the belt to bring the seat and back close together.
5. When not in use, always store the hinge lock belt in the backrest pocket along with the Carrot 3 user manual.



Fig. B

### Securing Your Child

Once the Carrot 3 has been installed in the vehicle and adjustments have been made, follow these instructions to secure the child.

1. Loosen the harness by pressing the harness strap release lever (Red) on the front of the Carrot 3, and pull the shoulder straps forward (**Fig. A**).
2. Unfasten the harness buckle by pressing the release button and sliding the clasp out (**Fig. B**).
3. Move each harness strap to the side of the child seat (**Fig. C**).
4. Place the child in the Carrot 3 (**Fig. D**).
5. Position the harness straps around the child and fasten the harness buckle (See Backrest Section for harness adjustment). Proper connection is confirmed when a positive click is heard after inserting each buckle clasp (**Fig. E**).
6. Slowly pull the harness adjuster strap to tighten the harness around the child (**Fig. F**).
7. Verify that harness is not twisted and child is properly secured.
8. Fasten vehicle's lap shoulder belt over the child restraint by routing the belt through the upper RED belt path on the child restraint and through the lower belt path on the seat. (**Fig. G**).
9. Make sure that the vehicle's lap shoulder RED belt is not twisted or loose, and the child is properly secured.

#### IMPORTANT:

- Always park your car in a safe place to make any adjustments to the Carrot 3 system. Adjusting and/ or handling the Carrot 3 when driving could cause serious injury or death.
- Always pull on the harness after securing the child, to ensure the buckle clasps are secure in the harness buckle.
- The Carrot 3 was tested at a 30° recline from vertical, and should not be transported in a moving vehicle past this point.



Fig. A



Fig. B



Fig. C



Fig. D



Fig. E



Fig. F



Fig. G

## Securing Your Child



### WARNING!

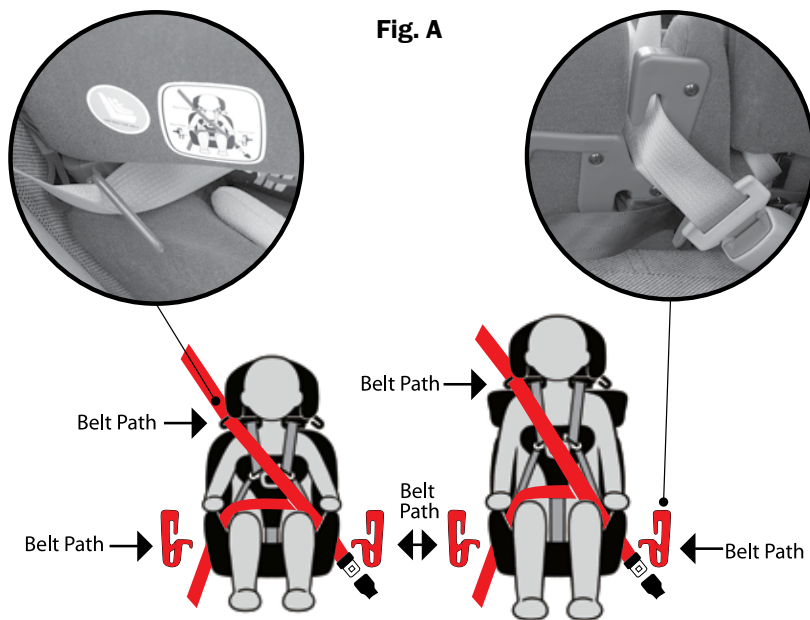
The Vehicle's lap shoulder (3 point) safety belt **MUST BE USED** in addition to the harness straps (5 point) of the Carrot 3.

**DO NOT** secure a child only with the harness straps (5-point) of the Carrot 3; **ALWAYS** use the vehicle's lap shoulder (3-point) safety belt at the same time to secure the Carrot 3 and the child.

Not using vehicle's lap shoulder (3-point) safety belt could cause your child restraint to not perform as intended, and increase the potential of serious injury or death.

**Figure A.** below illustrates a vehicle lap and shoulder (3-point safety) belt secured over the Carrot 3. The Carrot 3 is shown at its smallest and largest configurations.

**IMPORTANT:** Upper belt path should be above occupant's shoulder for proper securement.





### **Upholstery Cover, Cushions, Pillows and Pads**

Upholstery Cover: SPONGE CLEAN using cold water & mild soap, and TOWEL DRY. Do not remove the upholstery cover. Contact the distributor for removal or replacement of the upholstery.

Cushions, Pillow, and Pads: HAND WASH using cold water and mild soap. LINE DRY or LIE FLAT to prevent shrinkage. Do not bleach, machine wash, machine dry or iron, as this may damage fabrics. When damage to fabric occurs, it must be replaced. Periodic replacement is recommended.

### **Harness Buckle**

The Carrot 3 harness buckle needs to be periodically checked for performance. If a positive click is not heard when using the harness buckle, it must be replaced.

### **Harness and Straps**

Do not take apart or attempt to take apart the harness and the straps from the Carrot 3. If reassembled incorrectly, the Carrot 3 may not perform as intended. Never remove the buckles and/or the buckle clasps from the harness or the straps. They cannot be reattached after removal.

## Warranty

For your convenience, record all the information about your Carrot 3 below. Refer to the Serial Number & Manufactured Date Label for all information:

### LIMITED FIVE-YEAR WARRANTY

#### **Product Model: CARROT 3 CHILD RESTRAINT SYSTEM**

Name: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_

Zip Code: \_\_\_\_\_ Country: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

Lot Number: \_\_\_\_\_

Serial Number: CT3 - \_\_\_\_\_

Manufactured Date: \_\_\_\_\_

Date of Purchase: \_\_\_\_\_

Distributor: \_\_\_\_\_

### **LIMITED FIVE-YEAR WARRANTY**

This product is warranted against defective materials and workmanship for five years from the date of original purchase. Proof of purchase is required.

To make a claim under this warranty, contact the authorized distributor or the retailer from whom you purchased this product. Proof of purchase is required.

### **WARRANTY LIMITATIONS**

This warranty does not include damages which arise from negligence, minor use not in accordance with the product instruction.

The use of non-CARROT 3 covers, inserts, toys, accessories, or tightening devices is not approved. Their use could cause this child seat to fail Safety Standard FMVSS 213, or not to perform as intended in a crash. Their use automatically voids this warranty.

### **LIMITATION OF DAMAGES**

The warranty set forth above is exclusive and in lieu of all others, oral or written, express or implied. In no event will the manufacturer, the distributors, or the retailers selling this product, be liable for any damages, including incidental or consequential damages, arising out of the use or inability to use this product.

