The Child Restraint System for Special Needs CARROT 3 i-Size

Instruction Manual

Read carefully all the instructions before use.

CARROT 3

i-Size



When not in use, store in the pocket on the back for future use.

REHA NORM

ECE R129/04 i-Size
Child height 100cm-150cm

Carrot 3 i-Size“ Special Needs Restraint ” is designed to give extra support to children who have difficulty in sitting correctly in conventional seats. Always consult your doctor to make sure that this restraint system is suitable for your child, and read all the instructions in this manual before use.

Carrot 3 i-Size is a forward-facing car seat for children between 100 cm and 150 cm that is approved in accordance with ECE R129/04.

EU conformity declaration for medical products (according to Article 19 and Annex IV, Regulation (EU) 2017/745 (MDR) of 5 April 2017 on medical devices:

We declare hereby that the car seat Carrot 3 conforms with the equivalent rules of the Regulation (EU) 2017/745 (MDR) of 5 April 2017 on medical devices. The production of the Carrot 3 is controlled by a quality management system according to EN ISO 9001 under consideration of the Regulation (EU) 2017/745 (MDR) of 5 April 2017 on medical devices.

Accessibility Notice:

This instruction manual is available in an accessible digital format for blind and visually impaired users and can be downloaded from: www.rehanorm.de

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Table of Contents

Intended Purpose / Indications 4
Warnings 5
Category of the Child Restraint System (CRS) 7
Safety Information 8
Important Notes 8
Features 11
Installation 13
Standard Installation 13
QUICKCATCH Installation 13
Fixing Strap Installation to secure the Backrest.... 14
Using Extension Strap (optional accessory) 15
Using Top Tether Strap (optional accessory). 16
Functions 17
Head Section 17
Head Support Depth Adjustment 17
Head Pillow Adjustment 17
Head Support Height Adjustment 17
Shoulder Section 18
Harness Strap Adjustment 18
Harness Strap Length Adjustment 18
Shoulder Strap Comfort Pad 19
Shoulder Protector Wing 19
Adjusting Shoulder Width 19
Shoulder Protector Wing Installation 20
Chest Section 21
Chest Support Height Adjustment 21
Harness Buckle - Fasten / Release 21
Backrest Section 22
Backrest Height Adjustment 22
Backrest Extensions (optional accessory) 23
Side Impact Cushion Pad 24
Seat Section 25
Seat Length Adjustment / Seat Extensions (optional accessory) 25
Rodded Seat Extension-Long/-Short(optional accessory) 26
Seat Depth Adjustment 26
Adjusting Seat Depth Adjustment 27
Footrest -Short / -Medium / -Long(optional accessory) 28
Support Tray (optional accessory) 28
Wedge Cushion (optional accessory) 28

Table of Contents

Pads and Cushions (Standard Accessories) 29
Anti Adduction / Knee Separator Pad (optional accessory) 30
Removable Incontinence Receiver (optional accessory) 30
Anti-Escape Vest (optional accessory) 31
Hinge-Lock Belt - for easy carrying (optional accessory) 31
Lateral Trunk Supports 32
Trunk Support Cushion 32
Two-Point Pelvic Belt as an Additional Belt 32
Safety Buckle 32
Buckle Cover 32
Securing Your Child 33
Care And Maintenance 35
Upholstery, Cushions, Pillow and Pads 35
Harness Buckle 35
Harness and Straps 35
Product Lifespan and Maintenance 35
Maintenance Requirements 36
Maintenance Schedule 37
Product Dimensions 38
Warranty 39
LIMITED TWO-YEAR WARRANTY 39
WARRANTY LIMITATIONS 39
LIMITATION OF DAMAGES 39
LIMITED TWO-YEAR WARRANTY 40
Reporting of Serious Incidents 41

Intended Purpose / Indications

Intended Purpose / Indications

The Carrot 3 i-Size is intended for the safe transportation of children with disabilities in motor vehicles who require additional postural support while seated.

It is intended, in particular, for children with conditions including:

* Cerebral palsy
* Hypotonia of unknown etiology
* Muscular dystrophy
* Various syndromic disorders

The Carrot 3 i-Size provides additional postural support to enable safe and stable seating. It can be individually adjusted to the user's needs and features a contoured seat shell and a system of positioning supports.

The positioning system provides support for head control and helps to stabilize the pelvis and maintain a stable seated position. It also provides additional support and positioning of the feet.

Risks Associated with Use / Contraindications

There are no known contraindications or risks associated with the intended use of the Carrot 3 i-Size.

WARNING!
DEATH or SERIOUS INJURY can occur

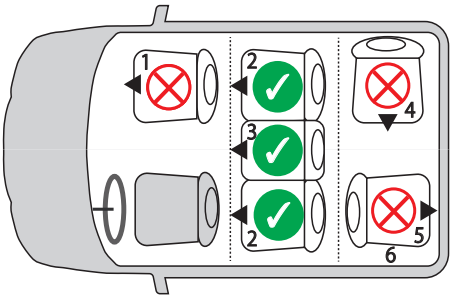
- The product is secured to the vehicle's LATCH anchor using a QUICKCATCH connector, which prevents the booster from moving around in the car even when the child is not in the car.
- The ECE R129/04 standard defines the period of use according to the height of the child. When the child's height exceeds 135 cm, depending on the vehicle model and seat, this product may not be used.
- Use in the forward-facing position only.
- Do never change anything on the construction of the Carrot 3 i-Size, unless this is specially authorized in this instruction manual.
- Adjust the belts provided with this child seat so they fit snugly around your child. A snug strap should not allow any slack or twist. It does not press on the child's flesh or push the child's body into an unnatural position.
- Secure this child seat with the upper fixing strap and QUICKCATCH connectors to the vehicle's seat, and always use vehicle's lap shoulder (3-point) safety belt as well.
- Fasten the harness (5-point) of the child seat as well as the vehicle's lap shoulder (3-point) safety belt to secure your child in a firm position.
- Follow all the instructions on this child seat and in this instruction manual.
- Use this child seat only with the vehicle's (3-point) safety belts approved by ECE regulation No.16 or other equivalent standards.
- The rigid items and plastic parts of the child restraint must be so located and installed that they are not liable, during everyday use of the vehicle, to become trapped by a movable seat or in a door of the vehicle.
- To prevent injury due to hidden damage, discontinue use of a child seat that has been in a moderate or severe crash.
- This child seat must not be used without the cover.
- The child seat cover should not be replaced with any other than the one recommended by the manufacturer.

WARNING!
DEATH or SERIOUS INJURY can occur

- When not in use, this instruction manual should be stored in the pocket on the back of the child seat.
- This child seat must not be used in the home, in boats, or other non-certified applications.
- Second row of a vehicle is the safest location for a properly installed child seat. Please study and ensure your child's safety and consult your vehicle owner's manual.
- Secure this child seat even when it is not occupied. In a crash, an unsecured child seat may injure vehicle occupants.
- When using in a vehicle with airbags, refer to your vehicle's owner's manual for child seat installation instructions and precautions.
- Never use the adjuster strap to lift or carry this child seat. Doing so could cause damage to harness adjuster and webbing. Always carry this child seat by its shell.
- Do not take apart or attempt to take apart the harness and the straps from the child seat. Never remove the buckles and / or the buckle tongues from the harness or the straps. They cannot be reattached after removal. If reassembled incorrectly, the child seat may not perform as intended.
- The primary protection for occupants of a vehicle in a collision is the body of the vehicle itself ; a child seat will not protect a child when a vehicle is seriously impacted. However, correctly installed, a child seat will substantially improve chances for survival in most crashes. Make sure all users fully understand the correct ways to use this child seat in a vehicle.
- This child seat can be used in vehicle seats designated as i-Size compliant in the vehicle's owner's manual. However, depending on various conditions, it may not be suitable for use in all vehicles.

  Regarding the selection of the vehicle seat position for installation, the rear seat is the safest location. For details, please refer to this instruction manual and the vehicle's owner's manual, or consult the dealer where you purchased the product.

WARNING!
DEATH or SERIOUS INJURY can occur



1. Front passenger seat.....✕ Not usable
2. Second row left/right door-side seats.....✓ Usable
3. Second row center seat.....✓ Usable
4. Seats facing sideways in the direction of travel.....✕ Not usable
5. Seats facing backward in the direction of travel.....✕ Not usable
6. Third row and subsequent left, right, and center seats...✓ Usable

Category of the Child Restraint System (CRS)

This Child Restraint System in its base configuration is approved in accordance with ECE R129/04 as an i-Size booster seat for use with children of height 100-150 cm

E1*129R04/04*0188*00 S

Compatibility Notice:

The base booster configuration up to 135 cm is manufactured within the maximum dimensions specified for i-Size booster seats. Consequently, it is compatible with all designated i-Size seating positions in vehicles that comply with the ECE R129/04 regulations.

However, when optional special needs accessories or modular configurations above 135cm are added, the CRS may exceed the geometric limits defined for i-Size installations. In such cases, **installation compatibility must be evaluated for each individual vehicle** and seating position.

Relevant accessories include, but are not limited to, footrests, side impact cushion, and swivel base.

Safety Information

Important Notes

- Adjust harness to fit clothes the child is wearing. Remove bulky coats and / or jackets before putting child in child seat.
- Cover child seat when vehicle is parked in direct sunlight. Parts of child seat could become hot enough to burn a child.
- When not in use, store the child seat in a safe, cool and dry place out of direct sunlight. Do not place heavy objects on top of it.
- Do not leave children alone in a vehicle, even for a short time.
- Do not, except as described in this manual, attempt to disassemble any part of the child seat or change the way its harness or vehicle's seat belts are used.
- 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.
- Do not leave folding vehicle seats unlatched. In the event of a sudden stop, a loose seat back could prevent child seat from protecting the child as well as it should.
- Do not use anything to raise child seat off vehicle seat except as described in this manual. In a crash, child seat could slide and may not adequately protect the child.
- Do not allow children to play with this or any child seat.
- This child seat is recommended to be used in the upright position.

WARNING!

It is your RESPONSIBILITY to use the Vehicle's Safety Belts at the same time.

DO NOT secure a child only with the harness straps (5-point) of the child restraint; **ALWAYS** use the vehicle's lap shoulder (3-point) safety belt at the same time to secure the child restraint 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 child restraint. Child restraint is shown at its smallest and largest configurations.

IMPORTANT : Upper belt path should be above occupant's shoulder for proper securement (Fig. B).

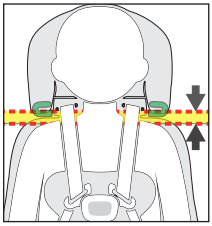


Fig. B

Fig. A

Safety Information

WARNING!

This child restraint must be used in a forward-facing position only.

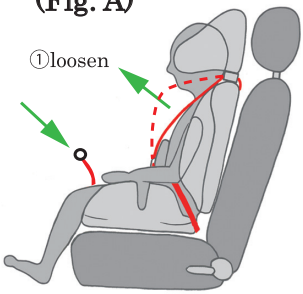
When the child's height exceeds 135 cm, depending on the vehicle model and seat, this product may not be used.

WARNING!

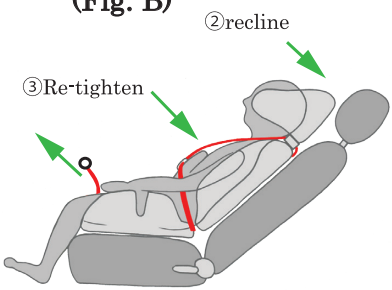
Before reclining the back, you must release and loosen the harness straps (Fig. A). Once reclined, re-tighten the harness straps (Fig. B). Reclining the back without loosening the harness straps may cause choking.

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

(Fig. A)

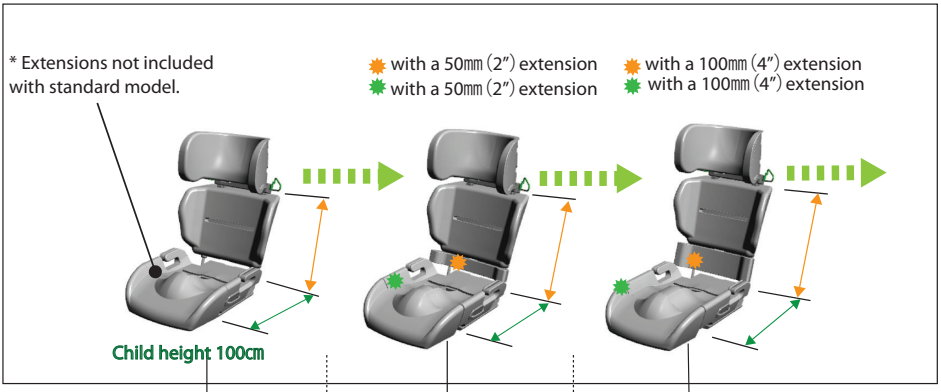


(Fig. B)



Features

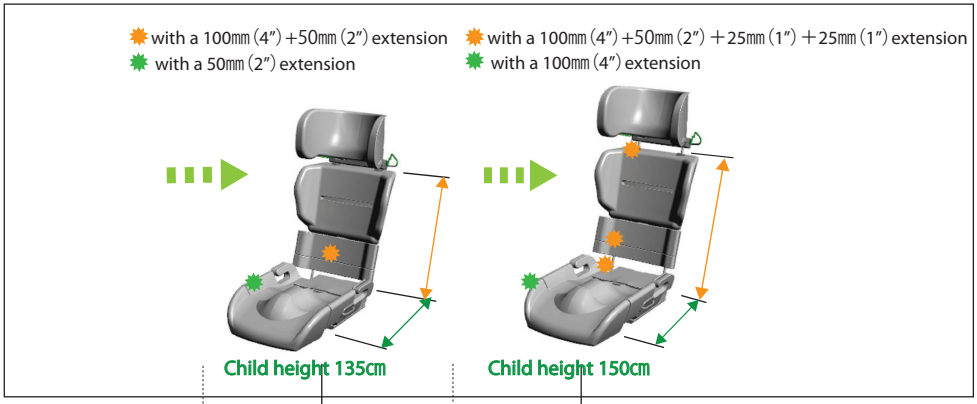




Shoulder Height	300mm (11.8")	325mm (12.8")	350mm (13.8")	375mm (14.8")	400mm (15.7")
Seat Depth	250mm (9.8")	275mm (10.8")	300mm (11.8")	325mm (12.8")	350mm (13.8")

Features





Shoulder Height	425mm (16.7")	450mm (17.7")	475mm (18.7")	500mm (19.7")
Seat Depth	275 (310) mm (10.8")	300 (335) mm (11.8")	325 (360) mm (12.8")	350 (385mm) (13.8")

Installation

Standard Installation

The child seat is provided with the QUICKCATCH connectors to secure the child seat base, and the backrest fixing strap to secure the upper unit to the vehicle's seat.

QUICKCATCH Installation

This child restraint system is designed for use in a vehicle with LATCH anchors. Verify that your vehicle is equipped with LATCH anchors. Otherwise, you need to have the extension strap with 'D' shaped rings (optional accessory: See page 13).

NOTE:

All vehicles manufactured since September 1, 2002 are equipped with LATCH anchors. Consult your vehicle owner's manual first to locate LATCH anchor points.

QUICKCATCH Installation:

1. Press and hold the QUICKCATCH release (blue) lever, then pull out either of QUICKCATCH strap to full length (Fig. A).
2. Place the child restraint forward-facing on the vehicle seat.
3. Attach the QUICKCATCH connectors to the vehicle's LATCH anchors on both sides of the seat (Fig. B).
   a. An audible click confirms attachment and the indicator turns green.
   b. Ensure that the strap is not twisted.
4. Push the child seat into the vehicle seat while pulling the blue tab of QUICKCATCH pull strap (Fig. C).

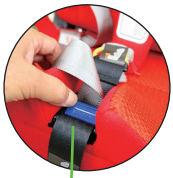




Fig. A



Fig. B



Fig. C

NOTE:

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

Installation

Fixing Strap Installation to secure the Backrest

1. When complete the seat base secure by QUICKCATCH connectors, then secure the backrest with the backrest fixing strap (Fig. A).



Fig. A

2. Unbuckle one of the metal buckles on the backrest fixing strap and lap the neck of the vehicle's headrest (Fig. B).



Fig. B

3. Attach the buckle, and push the child seat firmly into the vehicle's seat while pulling the strap to completely remove the slack (Fig. C).

4. Verify the child seat is secure in upright position, and there is no slack remaining.



Fig. C

Installation

USING Extension Strap

Optional Accessory

If your vehicle is old, not equipped with LATCH anchor points, you may use the extension strap (optional accessory) with 'D'-shaped metal rings (Fig. A) to secure the seat base.



Fig. A

NOTE:

All vehicles manufactured since September 1, 2002 are equipped with LATCH anchors. Consult your vehicle owner's manual first to locate LATCH anchor points.

1. Attach the 'D'-shaped metal ring of the extension strap to a QUICKCATCH connector (Fig. B). Make sure a positive click sound is heard and the indicator turns green.



Fig. B

2. Lap the extension strap around the vehicle's seat, and attach 'D'-shaped metal ring on the other side to the QUICKCATCH connector. Make sure a positive click sound is heard and the indicator turns green (Fig. C).

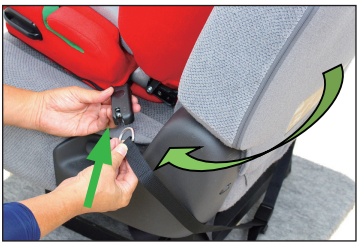


Fig. C

3. Pull and tighten the extension strap to completely remove all slack, and verify the child seat is secure (Fig. D).

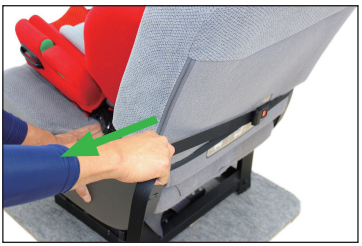


Fig. D

Installation

Using Top Tether Strap

Optional Accessory

If your vehicle is equipped with the tether anchor points, you can use top tether strap (Fig. A) to secure the backrest to the vehicle.



Top Tether Strap



Fig. A

NOTE:
All vehicles manufactured since September 1, 2002 are equipped with tether anchor located behind the rear seats. For instructions on replacing the buckle strap with top tether strap, please consult your dealer. Consult your vehicle owner's manual first to locate the top tether anchor points (Fig. B).

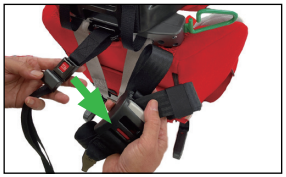


Fig. B

1. Thread the loop end of the top tether strap through the fixing strap bracket (Fig. C).
2. Thread the top tether strap body through the loop, then pull it tight and secure it to the bracket (Fig. D & E).
3. Locate the hook on the strap and loosely attach top tether strap to the anchor point(Fig. F or G).
4. Pull the top tether strap to remove all slack.
5. Make sure the top tether strap is taut and the child seat is properly secured.



Fig. C

Fixing Strap Bracket



Fig. D



Fig. E



Fig. F (Car)



Fig. G (Van)

NOTE:
The child restraint is secure when it cannot be moved front-to-back or side-to-side more than 1 inch (2.5 cm) at the belt path. If the child restraint is not secure, repeat the installation process or use alternate seating location.

Functions

Head Section

Head Support Depth Adjustment

The head support can be adjusted forward or backward by 15mm (0.6”) 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

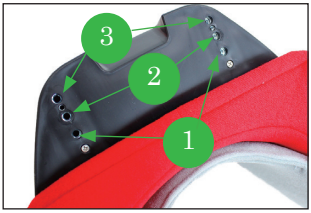


Fig. C
(Use holes 1, 2 or 3 on both sides)

Head 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®.



Head Support Height Adjustment

While pushing the head support release buttons(black), pull upward to raise it by 25 mm (1") and lock it in place. Use this setting for the 150cm model (Figs. A & B).



Fig. A



Fig. B



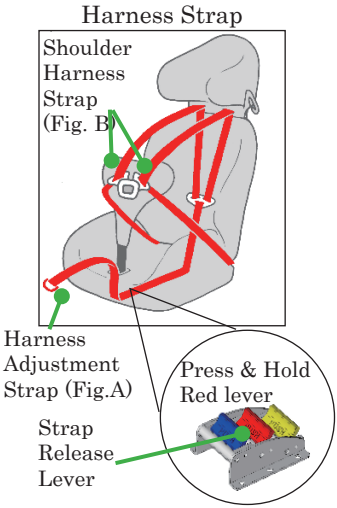
Functions

Shoulder Section

Harness Strap Adjustment

The harness strap comfortably positions the child in place.
To tighten the shoulder harness strap, pull 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.



Harness Strap Length Adjustment



Required Tool: 4 mm Hex Wrench

1. Using a 4 mm hex wrench, remove the button head cap screws on both the left and right sides by turning them counterclockwise (Fig. A).
2. Separate the seat base from the backrest.
3. Pull the webbing (strap) out of the tube on the seat.
4. To reinstall the webbing (strap), use the loop at the end of the webbing. Before reattaching it, fold the looped end over the tube. This makes it easier to align the hole in the tube with the screw hole (Fig. B).
5. Using the 4mm hex wrench again, securely tighten both button head cap screws (Fig. C).


Fig. A

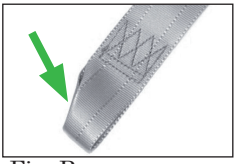


Fig. B

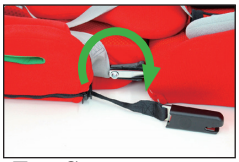


Fig. C

Ask your distributor for assistance with installation.

Functions

Shoulder Strap Comfort Pad

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

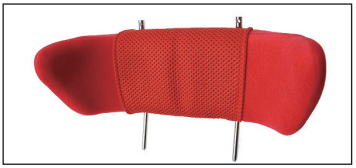


Shoulder Protector Wing

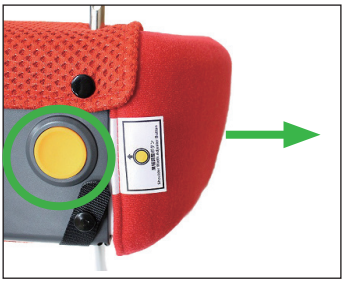
Optional Accessory

Adjusting Shoulder Width

Sideway extension adjustment of Shoulder Protector Wing is available by Max.100 mm, 50 mm each rightward and leftward respectively (five positions / 10 mm each).



Press and hold the shoulder width adjuster button (in Yellow) on the back, while pulling the wing outward to desirable position, where the body of child is secure and comfortable.



IMPORTANT :

When your child becomes big enough to use the Shoulder Protector Wing, you may purchase「Shoulder Protector Wing」for a larger child.

You must contact and ask the distributor for the installation and adjustment of the set.



Functions

Shoulder Protector Wing Installation

1. Detach the Shoulder Harness from the harness yoke (Fig. A).
2. Remove the harness and the Comfort Pads from the Head-Support unit (Fig. B).
3. Press and hold the Head-Support release buttons, and remove the Head-Support unit (Fig. C & D).
4. Remove two (2) screws on both right and left sides (Fig. E).
5. Insert the Head-Support rods into the Shoulder Protector Wing, and press together (Fig. F).
6. Align the holes located on the rods, insert the two (2) screws and tighten secure (Fig. G).
7. Attach the Head-Support/Shoulder Protector Wing unit to the Backrest unit. Re-thread the Shoulder Harness and the Comfort Pads, and reconnect to the harness yoke (Fig. H).

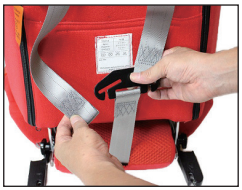


Fig. A



Fig. B



Fig. C



Fig. D

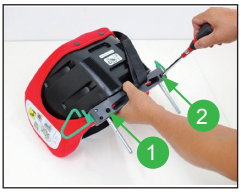


Fig. E

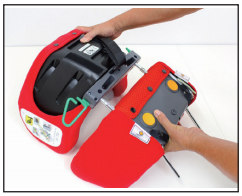


Fig. F

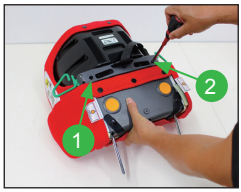


Fig. G



Fig. H

Tutorial Video URL

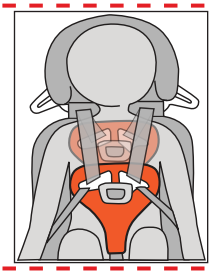
Ask your distributor for assistance with installation.

Functions

Chest Section

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 Height Adjustment

To raise the height of the chest support pad, press & hold the strap release (yellow) lever on the front of the child seat, and pull up the pad (Fig. A). To lower the chest support pad, pull the chest support strap (Fig. B).

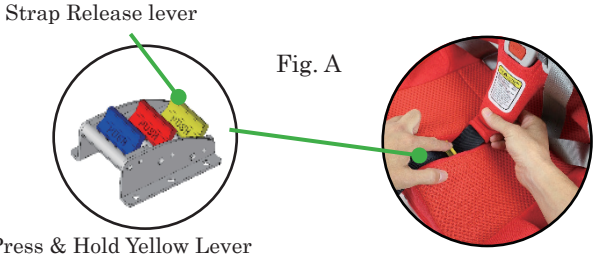


Fig. A



Fig. B

Harness Buckle - Fasten / Release

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



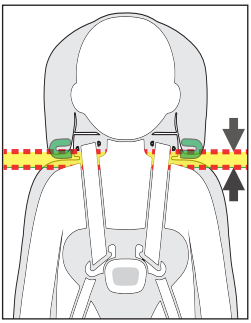
Fig. C



Fig. D

Functions

Backrest Section



IMPORTANT :

- Height of the shoulder harness strap moves with the height of the backrest.
- The Backrest must be adjusted so that the shoulder straps are at the same level as the child's shoulders or slightly above.
- The shoulder harness strap is for positioning only, and not designed to support occupant in a crash.

Backrest Height Adjustment

The height of the backrest can be adjusted as the child grows.

Release locking by pulling the backrest release strap on the back of the child seat, and while pulling the strap, adjust height of the backrest

(Figs. A & B).



Fig. A

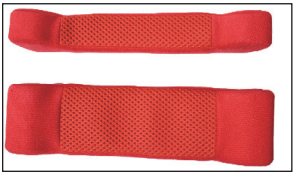


Fig. B

Functions

Backrest Extensions – 50mm(2”) or 100mm(4”)

Optional Accessory



Backrest Extensions (50 mm / 100 mm) are designed to fill the space exposed between the backrest and the seat when you extend the backrest.

To insert the Backrest Extension(s) onto the backrest bars;

Press the chest pad release button to unfasten the harness buckle (Fig. A).



Fig. A

Pull and hold the black ‘D’-shaped plastic ring tab at the top of the backrest to release the lock (Fig. B). Continue pulling upward to fully remove the backrest from the metal bars of the seat base unit (Figs. C & D).

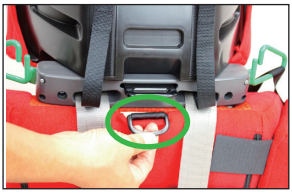


Fig. B

Insert the desired thickness of the extension filler pad (50 mm, 100 mm), then reinstall the backrest unit back on the seat base (Figs. E & F).

Note: The seat belt may need to be lengthened. To lengthen the seat belt, remove the retaining screw on each side of the restraint system. Pull the seat and back apart, and adjust strap to desired length. Slightly tuck the loop on the strap to prevent strap from interfering with the retaining screw. Reinstall the strap, align the silver bars of seat and back, replace insert screws.

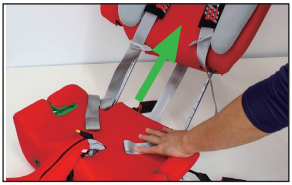


Fig. C

cf: "Harness Strap Length Adjustment" on P16

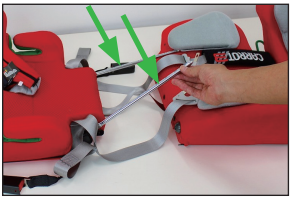


Fig. D

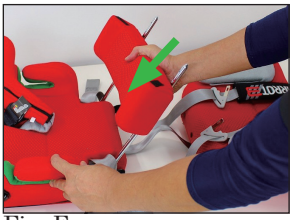


Fig. E

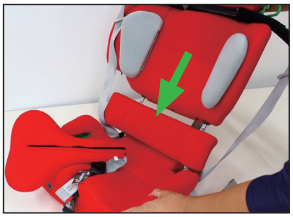


Fig. F

Functions

Side Impact Cushion Pad

The side impact cushion pad offers particularly good side impact protection, it absorbs the force as best as possible, especially in the head and shoulder area. It is attached to the outside of the backrest on the door side with Velcro® fasteners and is therefore easy to remove.



Side Impact Cushion Pad





When attaching the pad, attach it with the zippered side facing backward, as shown in the photo.

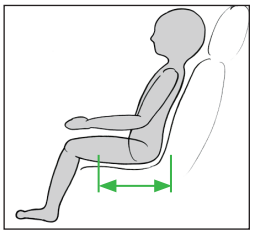




Functions

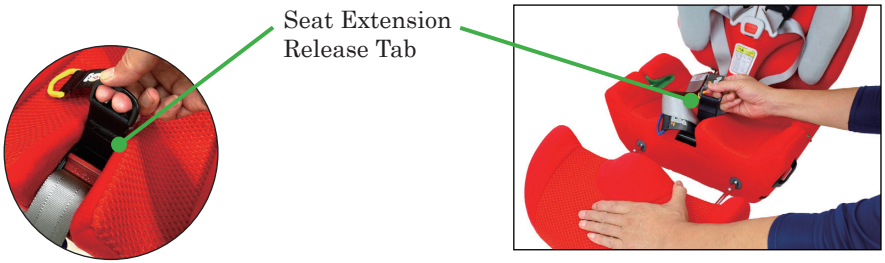
Seat Section

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



Seat Length Adjustment

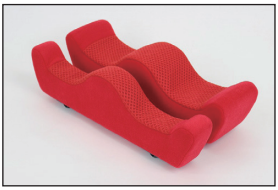
Release the lock by pulling the black 'D'-shaped ring tab (Seat Extension Release Tab). While pulling the tab, adjust the position of the rodded seat extension accessories.



Seat Extensions – 50mm(2") or 100mm(4")

Optional Accessory

Release lock by pulling the black 'D'-shaped ring tab (Seat Extension Release Tab). While pulling the tab, adjust the position of the rodded seat extension accessories.





The seat extension snaps into place when used with the Rodded Seat Extension.



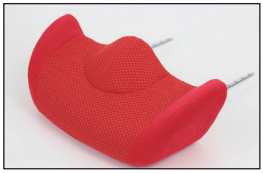
The seat extension snaps into place when used with the with Footrests.

Functions

Rodded Seat Extension - Long

Optional Accessory

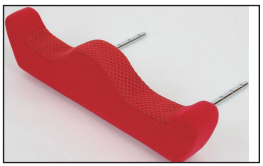
Allows the legs to be stretched out and comfortably supported.



Rodded Seat Extension - Short

Optional Accessory

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



Seat Depth Adjustment

Required Tool: 4 mm Hex Wrench



The seat depth can be adjusted by up to 35 mm (1.4 inches) by changing the mounting position.
To adjust the seat depth, remove the button head cap screws, reposition the seat to the desired position, and then reinstall the screws.

NOTE:
The button head cap screws must be secured through both the metal bar of the seat back and the metal bar of the backrest.

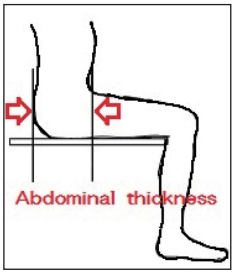


Ask your distributor for assistance with installation.

Functions

Adjusting Seat Depth Adjustment

There are three (3) selectable positions provided to fit each child's abdominal thickness (Figs. A & B).



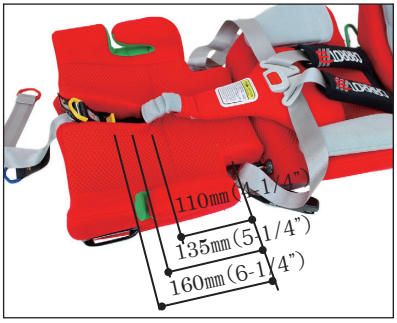


Fig. A

Three selectable outlet positions, no tool required. factory set position: 160mm (6-1/4")

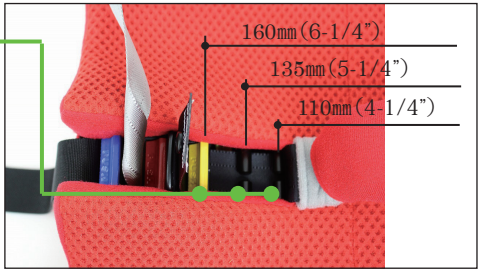


Fig. B

To change the harness outlet position, no tools required, simply squeeze in/out to change the desired harness outlet position (Fig. C).

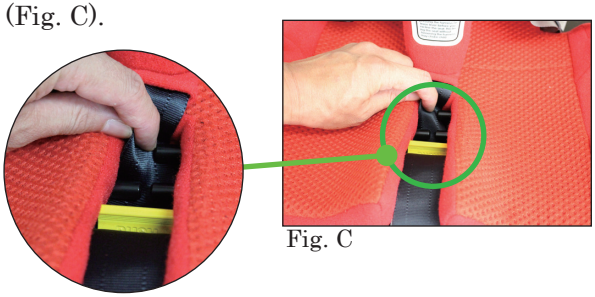


Fig. C

Functions

Footrest

Optional Accessory

Footrests are available in three sizes - Short, Medium and Long.
Footrest Depth Adjustment: Pull & hold the black 'D'-shaped ring tab (Seat Extension Release Tab) and adjust to desired position.
Footrest Length Adjustment: Using 13mm(1/2") wrench, loosen bolts on the bottom of the side support tubes, move footplate to desired position and tighten. Repeat on opposite side.



Seat Extension Release Tab



NOTE:
Ensure that the footplate is adjusted evenly on both sides so that it is level. After adjustment, securely retighten the screws.



Short
260~330mm
(10.2"~13")



Medium
290~410mm
(11.4"~16.1")



Long
340~460mm
(13.4"~18.1")

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-to-back angle by raising the front of the restraint system. Place the wedge under the front of the Carrot 3 i-Size seat.



Functions

Pads and Cushions (standard accessories)

Following pads and cushions are provided as standard accessories.
Attaching and Adjusting these pads and cushions can easily be done by Velcro® for comfortable positioning to the child's body seating.

Head Pillow

Use to realize most comfortable and secure head position in the Head-Support.

Body Balance Pads

Use to realize most stable secure of the child's body balance in the child seat.

Seat Width Filler Pads

Narrow the seat width to fit smaller children for stable sitting.

Seat Balance Pads

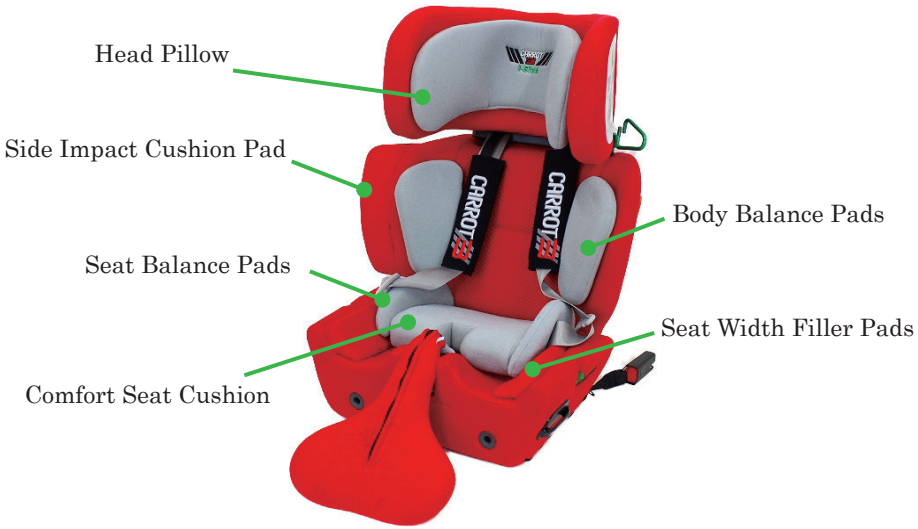
Use to realize most stable secure of the child's body balance in the child seat.

Comfort Cushion

Use to realize most comfortable position in the child seat and prevent the child's pelvis from slipping forward.

Side Impact Cushion Pad

The side impact cushion pad offers particularly good side impact protection.



Functions

Anti Adduction / Knee Separator Pad

Optional Accessory

1. Unbuckle the harness strap.
2. Open the Velcro® fastener and wrap around chest support harness to fasten.
3. The anti adduction / knee separator pad can be attached forward or reverse facing.



Reverse facing shown

Tutorial Video URL

Removable Incontinence Receiver

Optional Accessory

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®.





Tutorial Video URL

Functions

Anti-Escape Vest

Optional Accessory

The anti-escape vest makes it difficult for children to slip their arms out of the harness. For details including instructions on how to attach the vest, consult the dealer where you purchased it.



Tutorial Video URL

Hinge-Lock Belt - for easy carrying

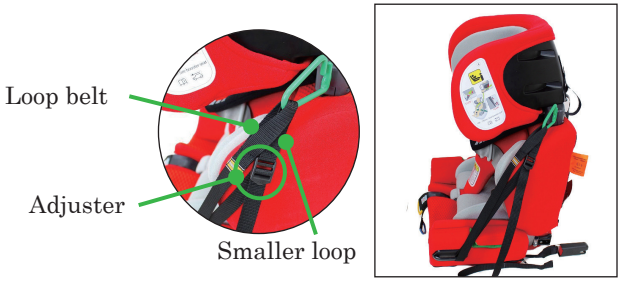
Optional Accessory

This Hinge-Lock Belt makes carrying the Carrot 3 easier.

1. Hook the smaller loop with the green belt guide on the shoulder. Make sure that the adjuster is located right underneath.
2. Pass the other end of the belt through the black supporting-table anchor loop, pull it up, and then hook it onto the green belt guide as well.
3. Pull the belt extending from the adjuster section to tighten it and secure it firmly.

To remove the Hinge-Lock Belt, loosen the belt at the adjuster and unhook the loops from the green belt guide.

When the Hinge-Lock Belt is not in use, store it in the pocket located on the back of the Carrot 3 car seat. Leaving it hanging from the green belt guide could result in a serious accident.



Tutorial Video URL

Functions

Lateral Trunk Supports

Optional Accessory

As a custom modification, height-adjustable (23–29 cm) and width-adjustable (chest width 16–24 cm) lateral trunk supports can be fitted as required to provide increased lateral support. These modifications are carried out at the factory.



Trunk Support Cushion

Optional Accessory

Custom-made.

Two-Point Pelvic Belt as an Additional Belt

Optional Accessory

S
M
L



Safety Buckle

Optional Accessory

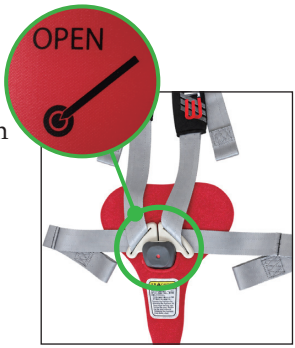
For children who open the buckle while travelling. The force required to open the buckle is approximately 8 kg (instead of 4.5 kg).

Buckle Cover

Optional Accessory

A buckle cover for children who are able to open both the standard buckle and the safety buckle requiring an opening force of approximately 8 kg while travelling may only be used with a medical certificate.

In this case, the corresponding emergency belt cutter must be carried in the vehicle for use in an emergency.



Securing Your Child

Securing Your Child

Once the child restraint 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 (red) lever on the front of the child restraint, and pull the shoulder straps forward (Fig. A).
2. Unfasten the harness buckle by pressing the release button and sliding the tongues out (Fig. B).
3. Move each harness strap to the side of the child seat (Fig. C).
4. Place the child in the child restraint (Fig. D).
5. Position the harness straps around the child and fasten the harness buckle (see Chest Support Section for Harness Adjustment). Proper connection is confirmed when a positive click sound is heard after inserting each buckle tongue (Fig. E).
6. Slowly pull the 'D'-shaped plastic red tab on the harness adjustment strap to tighten the harness around the child (Fig. F).
7. Verify that harness is not twisted and child is properly secured.
8. Fasten the vehicle's lap shoulder (3-point) safety belt over the child restraint by routing the belt through the upper red belt guide as well as the lower red belt paths on the child restraint (Fig. G).
9. Make sure that the vehicle's lap shoulder belt is not twisted or loose, and the child is properly secured.


Fig. A


Fig. B


Fig. C


Fig. D


Fig. E


Fig. F


Fig. G

IMPORTANT:

- Always park your car in a safe place to make any adjustments to the child restraint system. Adjusting and/or handling the child restraint when driving could cause DEATH or SERIOUS INJURY.
- Always pull on the harness after securing the child, to ensure the buckle tongues are secure in the harness buckle.
- When driving, the child restraint must be in the most upright position, unless medically necessary.

WARNING!

It is your RESPONSIBILITY to use Vehicle's Safety Belts at the same time.

DO NOT secure a child only with the harness straps (5-point) of the child restraint;**ALWAYS** use the vehicle's lap shoulder (3-point) safety belt at the same time to secure the child restraint 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 child restraint. Child restraint is shown at its smallest and largest configurations.
IMPORTANT: Upper belt path should be above occupant's shoulder for proper securement (Fig. B).

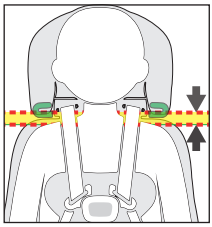


Figure B

Figure A

Routing of a vehicle's 3-point safety belt on the seat

Care and Maintenance

Upholstery Cover, Cushions, Pillow and Pads

Upholstery Cover: Covers are removable. Hand wash in cold water with a mild detergent. To prevent shrinkage, Air dry in the shade or Lay flat to dry. Avoid using bleach, machine washing, tumble drying, or ironing, as these may damage the fabric. If the fabric is damaged, replacement is necessary. Periodic replacement is recommended.

Contact the distributor for removal or replacement of the upholstery.

Cushions, Pillow, and Pads: HAND WASH using cold water and mild soap. Air dry in the shade or Lay flat to dry to prevent them from 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 child restraint, the harness buckle needs to be periodically checked for performance. If a positive click sound 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 child seat. If reassembled incorrectly, the child restraint 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.

Product Lifespan and Maintenance

The design and the manufacturing process of the main frame structure of the child safety seat Carrot 3 i-Size enable a product lifespan of 10 years from the date of manufacture. To ensure the long-term safety of the user and to maintain the legal warranty of the whole seat with many growth-responsive accessories, the seat must be serviced by a specialist dealer at least once a year. Especially parts like cushions and covers, the metal buckle part of the chest support and other parts, which are subject to soiling and depressing, will need to be replaced accordingly in case of damage. Maintenance activities must be fully documented in the enclosed maintenance schedule.

Care and Maintenance

Through regular and professional maintenance, the usability of the seat can be extended beyond the regular product lifespan, provided no safety-relevant defects are identified. A complete maintenance history proving proper upkeep is required for this.

Important: Without documented regular maintenance, the seat must not be used beyond 10 years from the date of manufacture, even if no visible damage is present.

With regard to the stated product lifespan, we refer again to the regulations mentioned on page 3 of this user manual concerning reuse after an accident or following initial use.

Please also refer to the information about the date of manufacture on the seat's nameplate. Our product labeling is located on the back of the child safety seat **Carrot 3 i-Size**, under the cover on the right-hand side.

Maintenance Requirements

Please check your child safety seat for the following:

- Damage to the frame, attachments, and accessories (e.g., cracks, fractures, corrosion, bent or missing parts)
- Damage to the padding and covers
- Damage to the harness system (e.g., clasps, fasteners, stitching)
- Stability of all connections (e.g., loose or missing screws)
- Functionality of all adjustment elements (e.g., screws, release levers, backrest, headrest, lateral supports, footrest, leg area guides)
- Functionality of safety components (e.g., ISOFIX connectors)
- Condition of the buckle: Dirt from food or drinks may impair functionality. If the typical "click" sound is no longer audible, the buckle must be replaced.
- Legibility of the nameplate

Tip: If any defects are identified, please contact your specialist dealer immediately.

Care and Maintenance

Maintenance Schedule

Manufacturer's maintenance requirements have been carried out:

Date	Specialist Dealer	Name	Signature

Note: Any identified defects or damage must be rectified by the specialist dealer or the manufacturer before the seat is used again.

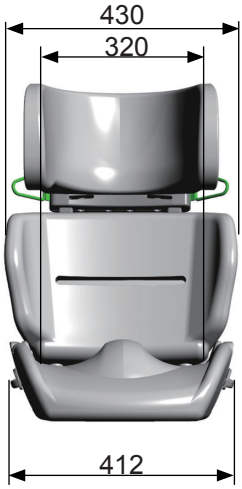
Disposal

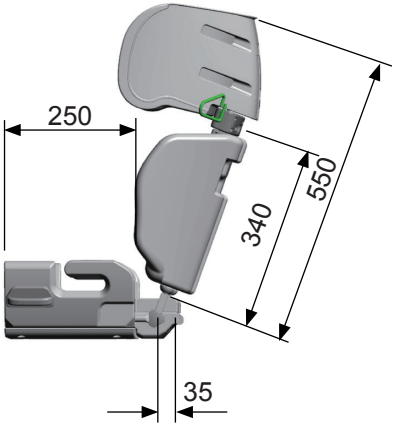
Dispose of the seat, its accessories and packaging in accordance with local regulations. Before disposal, remove or destroy the product label and harnesses so that the seat cannot be used again.

Product Dimensions

Overall Width	430 mm	Product Weight	9.1 kg～9.5 kg
Seat Depth	250～410 mm	Target User Height	100～150 ㎝
Seat Width	320 mm	Target User Age	3.5～12 years
Extendable Backrest Height	550～750 mm		

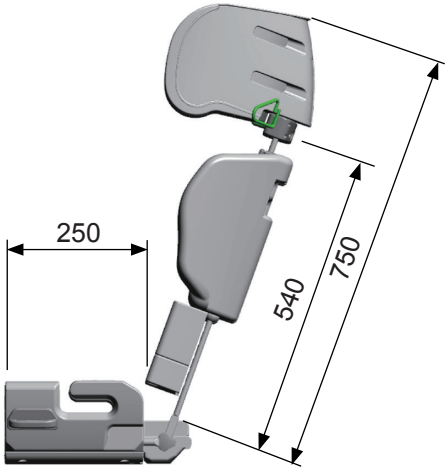
100㎝





150㎝





Warranty

LIMITED TWO-YEAR WARRANTY

This product is warranted against defective materials and workmanship for two 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 whom you purchased this product from. Proof of purchase is required.

WARRANTY LIMITATIONS

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

The use of non-Carrot 3 i-Size covers, inserts, toys, accessories, or tightening devices is not approved. Their use could cause this child seat to fail Safety Standard, ECE regulation No.16, 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.

Warranty

LIMITED TWO-YEAR WARRANTY

Product Model Number : CARROT 3 i-Size	
Your Name:	
Street Address:	
City:	State:
Zip Code	Country:
Telephone Number:	
E-mail Address:	

Date of Purchase:

Distributor

General Agency

Reporting of Serious Incidents

In accordance with Regulation (EU) 2017/745 on medical devices (MDR), users and operators are required to report any serious incident that occurs in relation to this medical device without delay to the manufacturer and to the competent authority of the Member State in which the user and/or patient is established.

A serious incident is any event that directly or indirectly led, might have led, or might lead to:

- The death of a patient, user, or other person
- A serious deterioration in the state of health of a patient, user, or other person
- A serious threat to public health

Please report such incidents to:

RehaNorm GmbH & Co. KG
Am Ockenheimer Graben 50
55411 Bingen Germany
Email: info@rehanorm.de
Phone: +49 (0) 6721 906 0

Competent Authority:

Detailed information about the competent authority in your country can be obtained from the dealer providing your medical device.

MEMO