

Carrot XL Car Seat Installation and User Manual



○ CARROT XL
#4116-0020-259

IMPORTANT CONSUMER INFORMATION NOTICE:

This manual contains important instructions that must be passed on to the user of this product. Please do not remove this manual before delivery to the end user.

SUPPLIER:

This manual must be given to the user of this product.

USER:

Before using this product, read entire manual and save for future reference.

medifab®

User Manual for Carrot XL Car Seat
Manual: CarrotXL202008

Serial Number:

CARROT-III XL SEAT - CHILD RESTRAINT SYSTEM

For Children with Special Needs

XL SEAT Instruction Manual

Read carefully all the instructions before use.



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



Carrot-III XL seat is an extended version of the standard Carrot-III child restraint system. The Carrot-III XL seat offers a larger configuration to meet the needs of children that require additional seat growth that is not available on the standard Carrot-III. Always consult your doctor to make sure that this restraint system is suitable for your child.

Your child's safety is very important to us. To ensure that your restraint system is installed correctly, please read all the instructions in this manual before use.

Carrot-III standard seat is universal restraint system for children: Approval according the ECE R44 / 04 by the Kraftfahrtbundesamt (Number of approval: 44R-04301283). EU conformity declaration for medical products (according the addendum II, V, VI and VIII of the EU guideline concerning medical products 93 / 42 / EWG).

We declare hereby that the car seat Carrot-III conforms with the equivalent rules of the medical product and the guideline 93 / 42 EWG. The production of the Carrot-III is controlled by a quality management according ISO 9001.

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WARNING !

DEATH or SERIOUS INJURY can occur:

- Recommended for use with children who have outgrown the Carrot-III standard car seat. Suggested guidelines are children who weigh more than 40kg and less than 75kg with height between 140cm and 175cm. It has been successfully crash tested with a 75kg dummy.
- Use forward-facing position only.
- Never alter construction of the Carrot-III XL seat, unless 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 skin or push the child's body into an unnatural position.
- Secure this child seat with the upper and lower fixing straps to the vehicle's seat, and always use vehicle's lap shoulder (3-point) safety belts as well.
- Fasten the harness (4-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 in this instruction manual.
- Use this child seat only with the vehicles provided with lap shoulder (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 located and installed in away so they don't 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 restraint system that has been in any type of car crash.
- This child restraint system must be used with the cover.



WARNING !

DEATH or SERIOUS INJURY can occur:

- The child restraint system cover should only be replaced with the one recommended by the manufacturer.
- This instruction manual should be stored in the pocket on the back of the child restraint system.
- This child restraint system is not for use in the home, in boats, or other non-certified applications.
- The back seat of vehicle is the safest location for a properly installed child restraint system. Please comply with safety standards set in your vehicle owner's manual to ensure your child's safety.
- Secure this child restraint system 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 restraint system 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 restraint system will not protect a child when a vehicle is seriously impacted. However, correctly installed, a child restraint system will substantially improve chances for survival in most crashes. Make sure all users fully understand proper use of this child restraint system in a vehicle.



Safety Information

Important Notes

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

- Adjust harness to fit securely around the clothes the child is wearing. Remove bulky coats and/or jackets before putting child in child restraint system.
- Cover child restraint system when vehicle is parked in direct sunlight. Parts of child restraint system could become hot and cause injury a child.
- Store child restraint system in a safe place when not in use. Avoid placing heavy objects on top of it.
- Do not leave children alone in a vehicle, even for a short time.
- Do not attempt to disassemble any part of the child restraint system or change the way its harness or vehicle's seat belts are used, except as 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 secured vehicle seat back could prevent the child restraint system from protecting the child completely.
- Do not use anything to raise child seat off vehicle seat except as described in this manual. In an accident, child restraint system may not adequately protect the child.
- Do not allow children to play with this or any child restraint system.
- This child restraint system is recommended to be used in the upright position.



Safety Information

Certification

The Carrot-III XL seat is designed for children who weigh more than 40kg and less than 75kg. It has been successfully crash tested with a 75kg dummy, outside the ECE R44/04.



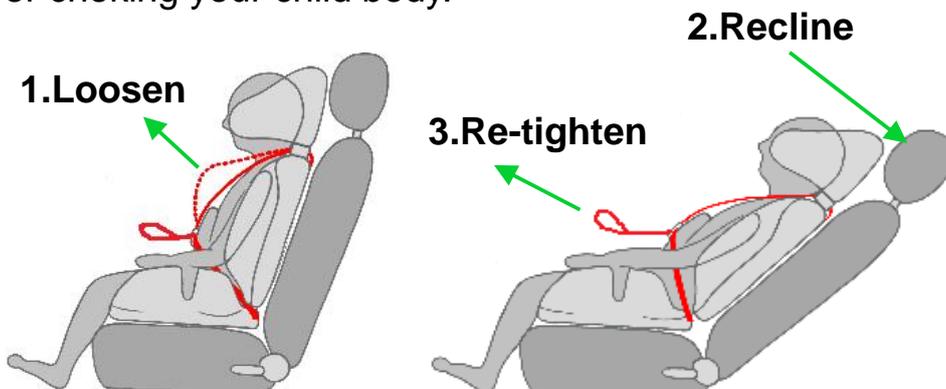
WARNING !

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



WARNING !

When you recline the back, you must release and loosen the harness straps first, then after reclining the back, re-tighten the harness again. Reclining the back without loosening the harness may cause pushing and / or choking your child body.



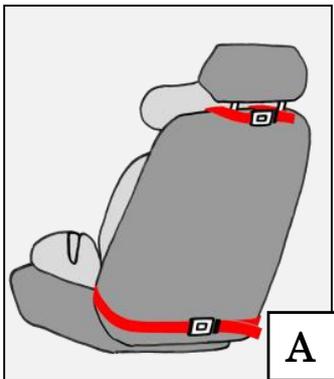
Features



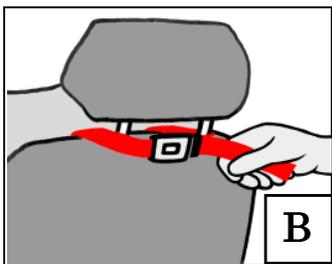
Installation

Standard Installation

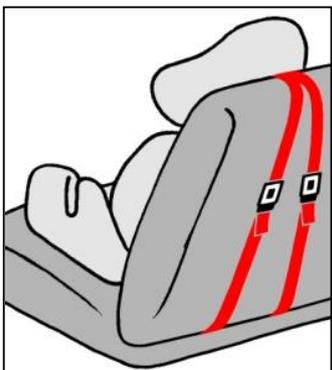
Fixing Strap Installation



1. Installation using fixing straps provided at the upper and lower parts of the child restraint system.
2. Secure Head-Support to the vehicle's headrest using the Head-Support fixing strap, and the child restraint main body to the vehicle's seat using the lower fixing strap.



3. Attach the buckles, and push the child seat firmly into the vehicle seat while pulling both adjuster straps tight to remove all slack, and verify the child seat is secure (Fig. A and B).
4. Verify all connectors are secure and the child seat is secure.



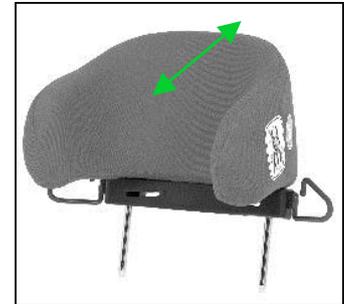
- When you install child seat to the bench-seat, you may find that the fixing strap is too short to fix it sideways around. If this is the case you may fix child seat by using the strap vertically (Fig. C).
- When you find difficulty in securing the child seat, please contact your local dealer or the retailer you purchased this child restraint system from for further assistance.

Functions

Head Section

Head-Support Depth Adjustment

Head-Support can be adjusted forward or backward by 15 mm increments to provide a better fit and added protection for the occupant.

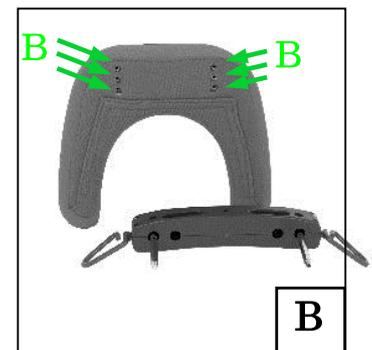
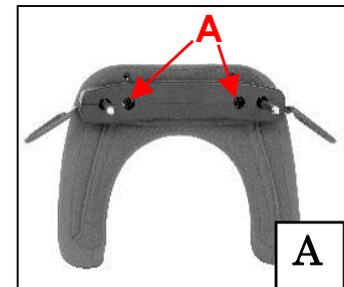


To Adjust;

Pull out the Head-Support from Backrest, and remove screws on each side at the bottom (Fig. A).

Move the Head-Support to selected position (Fig. B), and reinsert the screws.

NOTE: Factory setting is at center position.



IMPORTANT:

Adjustment of the Head-Support position (forward / backward) requires fixing tools. Contact and ask your local distributor for adjustment and assistance.

Head Pillow Position Adjustment

Head Pillow can easily be adjusted to the most favorable position to the user.



Functions

Shoulder Section

Adjusting Shoulder Width

The Shoulder Protector Wing can be extended by 100mm, by extending the right and left sides by 50mm each (five positions / 10 mm each).

To extend the Shoulder Protector Wing, press and hold the yellow button on the back, while simultaneously 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 Wings, you may purchase 「Shoulder Protector Wing」 for a larger child.

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

Comfort Pads

You can adjust Comfort Pads to the favorable position by moving Velcro tape attached to the back of the Head-Support.

NOTE: Do not pull the comfort pad on the harness strap as it is fixed on the back. Pull and loosen the harness strap only.

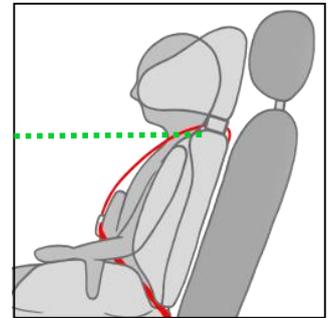


Functions

Backrest Section

IMPORTANT:

- Height of the Shoulder Harness Strap moves with the height of the Backrest.
- Level of the Shoulder Harness Strap must be at or above the Child's shoulders, parallel to level ground.



Adjusting Backrest Height

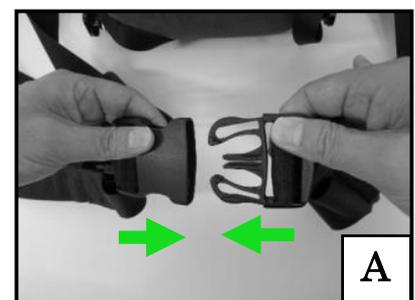
Release locking by pulling the Backrest Release (D-shape) Ring on the back of the child seat, and while pulling the Strap, adjust height of the Backrest.



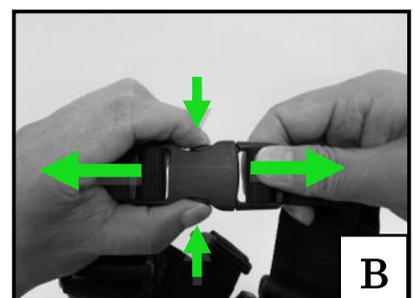
4-point (H-shape) Harness

Fastening / Releasing Harness Buckle

Hold the harness buckle with one hand. Use the other hand to insert buckle tongue into the harness buckle (Fig. A)



Hold the harness buckle with one hand. Push and release buckle tongues and slide out to remove from the buckle (Fig. B)

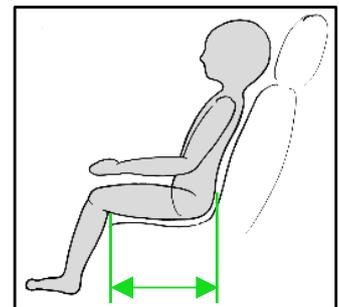


Functions

Seat Section

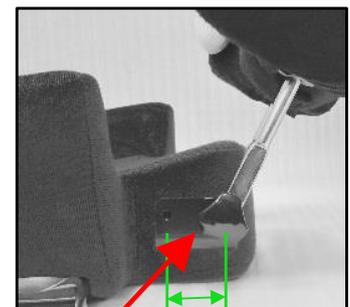
IMPORTANT:

You must set the seat depth a little shorter than user's Buttock-popliteal length, which is the distance from the rearmost part of the buttocks to the back of the lower leg.



Adjusting Seat Depth

The factory setting seat depth is 420mm. When a shallower seat is in need, the seat depth can be reduced by 40mm into 380mm, with altering the screw hole to attach Seat Depth Adjuster Knob to the other one in front. (Fig.)



Seat Depth Adjuster Knob

IMPORTANT:

You must contact and ask your local distributor for the installation and adjustment of this part.

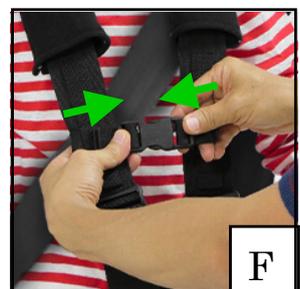
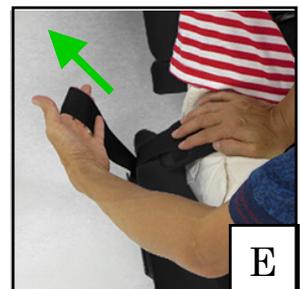
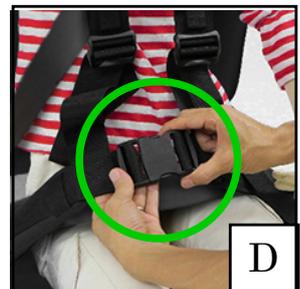
Securing Your Child

Once Carrot-III XL seat has been installed in the vehicle's seat and adjustments have been made, follow these instructions to secure the child.

- Loosen the harness and unfasten the harness buckles (upper and lower). Move the harness straps to the side of the seat, and place the child in the seat (Fig. A).
- Firstly, take the vehicle's 3-point lap and shoulder safety belt and place it over the child and car seat and fasten it into the receiver on the other side. (Fig. B)

NOTE: The child's hip should be positioned as deep as possible to firmly secure.

- Verify that vehicle's lap shoulder (3-point) safety belt is not twisted or sagging, properly routed the RED belt guide (Fig. C).
- **NOTE:** It is required by law to use the vehicle's lap shoulder (3-point) safety belt at the same time to secure a child seat and child.
- Position the harness strap around the child and verify the harness is not twisted and / or tangled. Fasten the lower harness buckle first. Proper connection is confirmed with a positive click after inserting buckle tongue (Fig. D).
- Gently pull the harness strap to the side to tighten the lap section (Fig. E).
- Next, fasten the upper harness buckle on the chest. Proper connection is confirmed with a positive click after inserting buckle tongue (Fig. F).



Securing Your Child

- Gently pull down the harness straps to tighten the shoulder section (Fig. G).

WARNING: In order to avoid pushing and / or choking your child body, always make sure by your hands, the tightness of fastening straps is appropriate (Fig. H).



- Verify again that the 4-point harness is not twisted and the child is properly secured.
- Make sure that the vehicle's lap shoulder (3-point) safety belt is positioned not to harm the face and/or the neck of the child.
- Before every trip, make sure that the vehicle's lap shoulder (3-point) safety belt is firmly fastened over the child seat, and under the 4-point H-harness, and the child is secure.



IMPORTANT:

- Verify that H-shaped harness (4-point) of XL seat is at the position that guarantees the lap belt stays appropriately to hold the hip of the child as deep as possible.
- If you feel insecure about appropriate positioning of your child and the child seat, do not hesitate to consult your local distributor for support and solution.
- Reconfirm that the 4-point harness is not twisted and that the child is properly secured.

Securing Your Child



WARNING !

It is your RESPONSIBILITY to use Vehicle's Safety Belts.

It is NOT sufficient to secure a child only with the 4-point harness straps of the child restraint system, and is required by law to always use the vehicle's lap shoulder 3-point safety belt concurrently to secure a child seat and child.

Failure to use the vehicle's lap shoulder 3-point safety belt could cause your child restraint system not to perform as intended and place your child at serious risk.

Figure below illustrates the correct placement of the shoulder 3-point safety belt under the child restraint system.



Securing Your Child

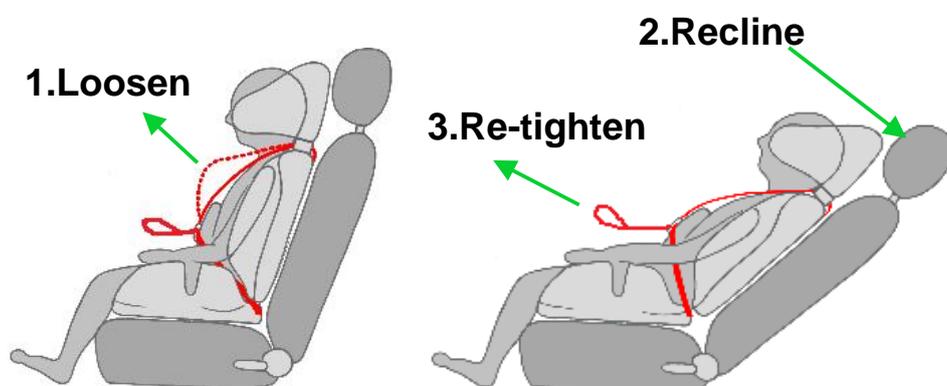
IMPORTANT:

- Always pull on the harness after securing the occupant to ensure the buckle tongues are secure in the harness buckle.
- Always park your car in a safe place when you make any adjustments to the child restraint system, including reclining the car seat. Adjusting and/or handling the child restraint system during driving could cause **SERIOUS INJURY** to you and your child.
- During driving, the child restraint system must be used in an upright position. Reclined position could cause the child restraint system not to perform as intended in a collision.



WARNING !

When you recline the back, you must release and loosen the harness straps first, then after reclining the back, re-tighten the harness again. Reclining the back without loosening the harness may cause pushing and / or choking your child body.



Accessories

Supporting Table (XL)

Optional Accessory

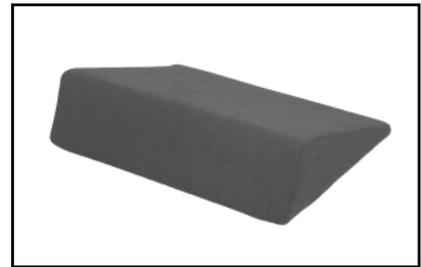
The X-Large supporting table is designed specifically for the XL seat and can be expected as an extra support to secure the child's upper limbs.



Seat Angle Adjuster Mat (Triangle Wedge)

Optional Accessory

Use to increase and adjust the height and angle of the front seat of the seat for better secure and stability of seating.



Backrest Extension (100 mm)

Optional Accessory

Backrest Extensions are provided to fill the space exposed between the backrest and the seat when you extend to the Backrest.



3D Body Balance Pads

Optional Accessory

Ergonomic three dimensional shaped pads for better positioning of child's body.



Care and Maintenance

Cover Removal

Do not try to remove or replace the cover by yourself as it is complicated and needs equipments. Ask the distributor for removal or replacement of the cover.

Cleaning the Cover, Pillow and Pads

For the Cover, SPONGE CLEAN using cold water and mild soap. TOWEL DRY.

For the Pillow, Pads and Cushions, HAND WASH using cold water and mild soap. LINE or LIE FLAT DRY to prevent from shrinking. Do not bleach, machine wash, machine dry or iron. Washing may damage fabric. It is important to keep upholstery clean. Periodic replacement is recommended.

Click Sound of the Harness Buckle

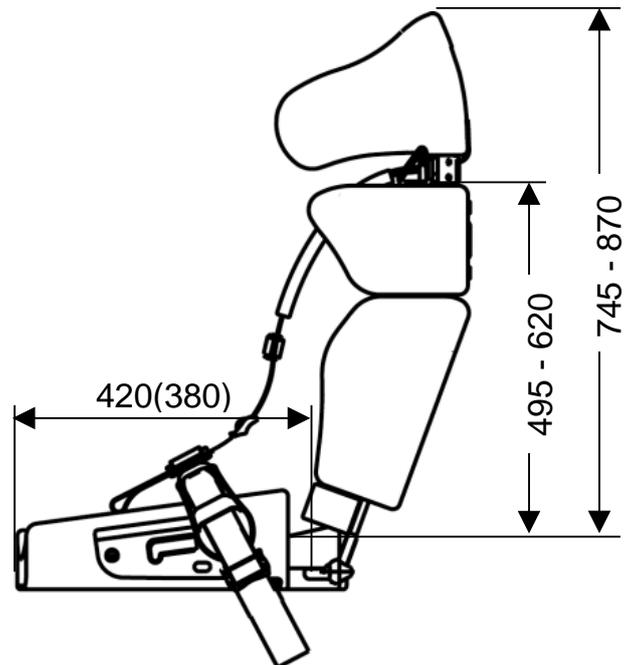
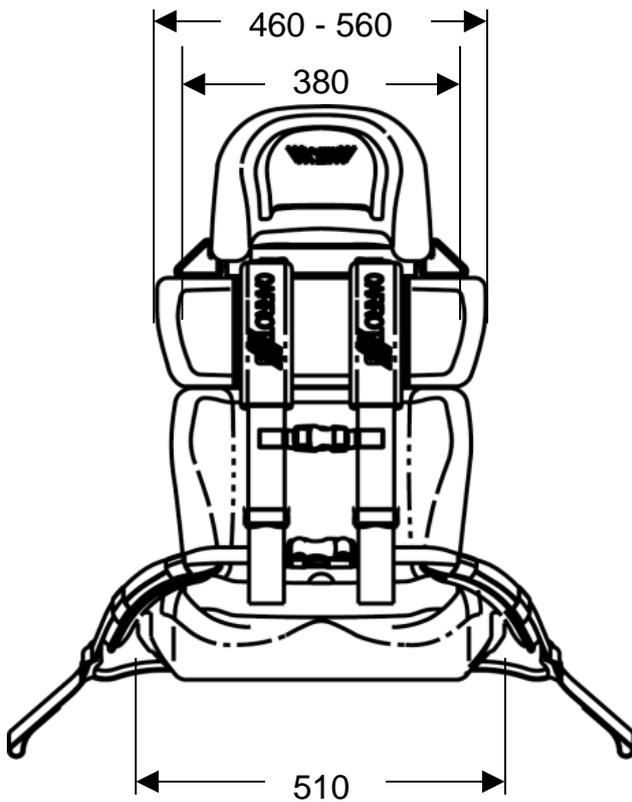
If a child eats and drinks while in the child restraint system, the harness buckle may need to be periodically checked of its performance. If the positive click sound is not heard, it is time to replace the harness buckle.

Harness and Straps

Do not take apart or attempt to take apart the harness. Never remove the buckle and/or 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.

Product Dimensions

Overall Width	510mm - 560mm	Product Weight	10.5kg
Seat Depth	420mm(380mm)	Target User Weight	36kg - 75kg
Seat Width	510mm	Target User Height	145cm - 180cm
Extendable Backrest Height	745mm - 870mm		



Warranty

LIMITED ONE-YEAR WARRANTY

This product is warranted against defective materials and workmanship for one year 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-III's 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

This 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 ONE-YEAR WARRANTY

Product Model Number : CARROT-III XL Seat

Your Name:

Your Street Address:

City:

State:

Zip Code:

Country:

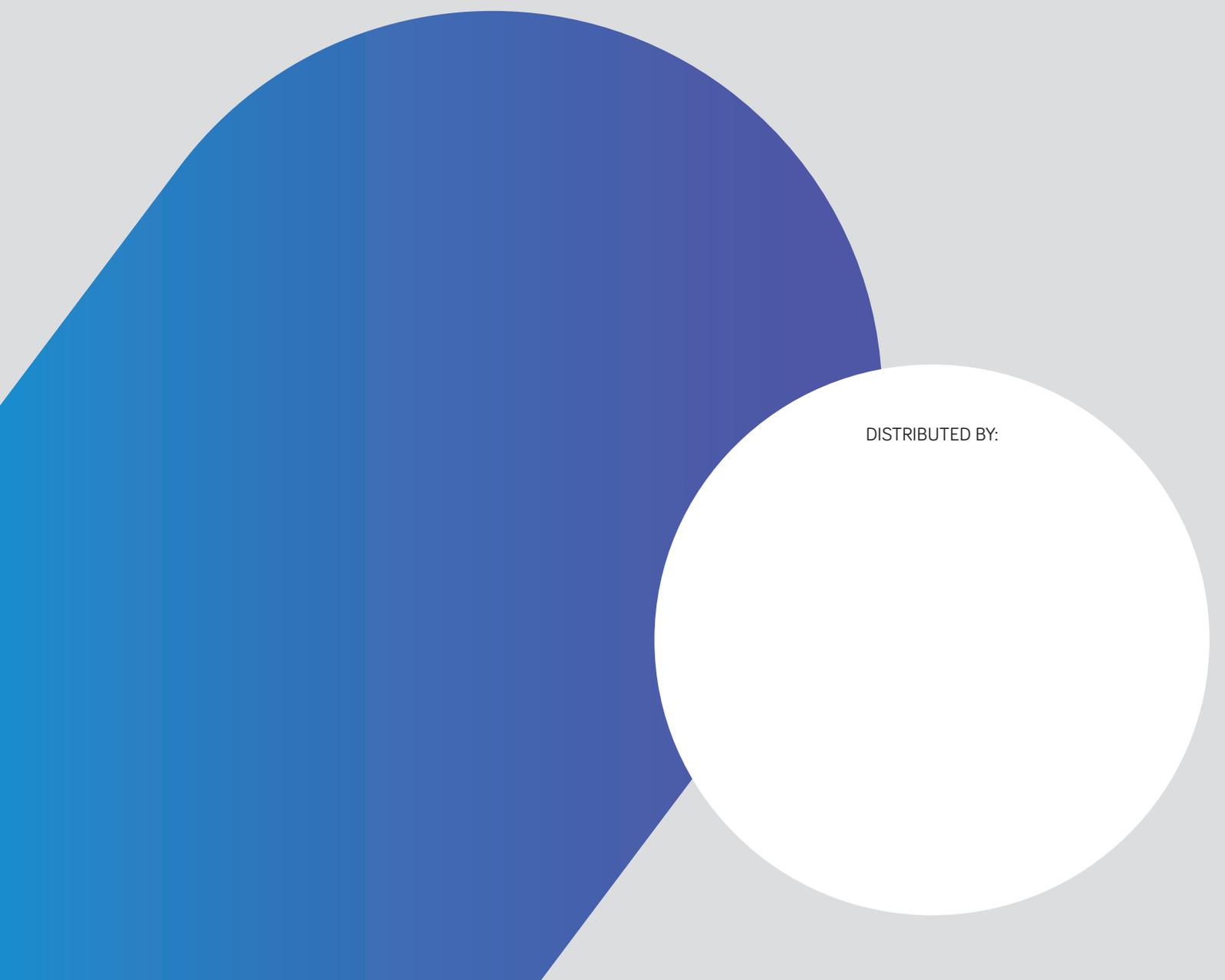
Telephone Number:

E-mail Address:

Date of Purchase:

Distributor:

General Agency:



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