

# quantum<sup>™</sup>

multi-mode travel stroller

instruction manual

## 01 before we get started

5 warnings and precautions

## 02 the magic inside the box

7 what is included  
9 parts list

## 03 features for you

11 special features  
12 height adjustable handle bar  
12 one-step brake  
13 eclipse canopy  
13 peek-a-boo and airflow  
14 multi-position recline  
14 adjustable calf support  
15 swivel wheels  
15 storage  
16 one-hand fold  
16 cupholder mount

## 04 assembling your quantum

17 the chassis  
19 the seat

## 05 operating your quantum

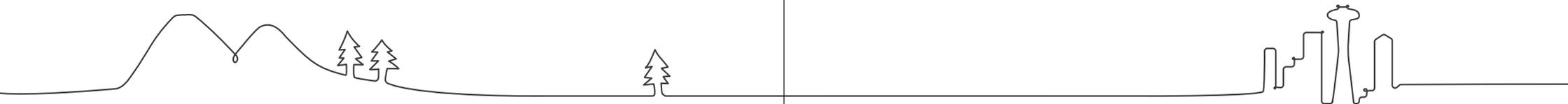
21 carriage mode (ready from birth)  
24 carriage liner and mattress  
25 attaching your infant car seat  
26 5-point harness  
27 toddler seat position (3-6 months+)  
29 other positions for toddler seat mode

## 06 my fold

31 folding without seat  
33 folding with seat attached

## 07 care, maintenance and warranty

34 care and maintenance information  
35 limited warranty information





before we get started,  
some important things to  
bear in mind

Your guide to building your new quantum stroller  
Here are some suggestions for a safe and stress free installation:

### Stroller warnings:

#### **WARNING**

- **NEVER** LEAVE CHILD UNATTENDED.
- FAILURE TO FOLLOW THESE WARNINGS AND INSTRUCTIONS COULD RESULT IN SERIOUS INJURY OR DEATH:
- To avoid serious injury from sliding or falling out, always use complete 5-point harness.
- Child may slip into leg openings and strangle. NEVER use in a reclined position unless child is secured in 5-point harness system.
- Unit may become unstable if manufacturer's recommended load is exceeded, or if parcel bag or accessory other than that recommended by the manufacturer is used or hung from the unit.
- Children and adults should be clear of moving parts while making stroller adjustments. Damage to fingers or extremities may occur when opening or closing the frame.

*Keep these instructions for future reference.*

- This toddler seat is suitable for children from birth until child is 50 lbs (22.7 kg) and child's height is 40" (101 cm).
- This stroller is intended to be used with one child only, unless equipped with approved Diono accessory.
- Audible "click" must be heard to confirm that each attachment is connected properly.
- Always make sure stroller is fully open and locked before use.
- Bumper bar must be attached at all times.
- **DO NOT** use the bumper bar without the bumper bar cover.
- **DO NOT** lift the stroller by the bumper bar as it may disengage.
- The brake must be locked while taking the child in or out of the stroller, and when parked.
- Maximum weight for the storage basket is 11 lbs (5.0 kg).
- Maximum weight for the seat pocket is 1 lb (0.5 kg).
- **NEVER** leave child in the stroller while ascending or descending stairs, or using an escalator.

## Carriage warnings:

### **WARNING**

- **NEVER** LEAVE CHILD UNATTENDED.
- FAILURE TO FOLLOW THESE WARNINGS AND INSTRUCTIONS COULD RESULT IN SERIOUS INJURY OR DEATH:
- **NEVER** use this carrier as a means to transport an infant in a motor vehicle.
- Use of carriage cover is recommended for added safety of your child.
- The carriage should only be placed on a low, dry, firm horizontal surface when not in use with stroller or carriage stand.
- **NEVER** place carrier on beds, sofas or other soft surfaces.
- **DO NOT** permit other children to play unsupervised next to the carriage.
- Open flames and other sources of heat, such as electric heaters, gas ovens, etc. in the immediate vicinity of the carriage are dangerous and should be avoided.
- This carriage is only designed to be used with Diono stroller frames.
- **DO NOT** use the infant carrier if it is damaged or broken.

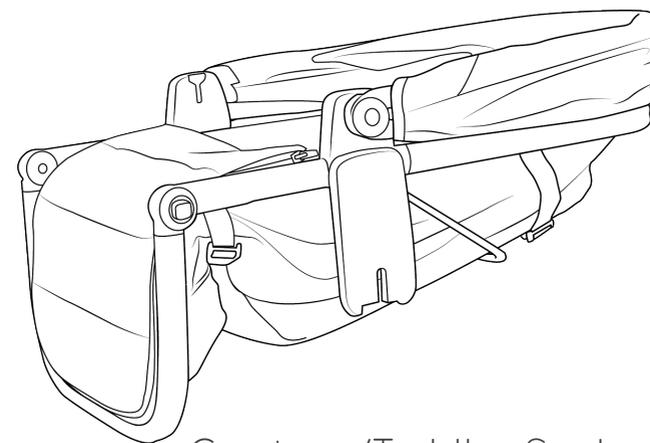
### **FALL HAZARD**

- To help prevent falls, DO NOT use this product when the infant begins to push up on hands and knees or has reached manufacturer's recommended maximum weight, 20 lbs (9 kg), whichever comes first.
- Always check that the carriage is securely locked on the stroller by pulling upwards on the carriage bed, before placing the child in the carriage.
- Child's activity can move carrier. NEVER place carrier on counter tops, tables, or any other elevated surface.
- Carriage is suitable for infants from birth until infant is 20 lbs (9 kg), and infant height is 25" (63 cm).
- Audible "click" must be heard in order to determine that each lock is in the proper position. To ensure proper locking engagement, check to see that the carriage handle cannot be disengaged from the stroller without unlocking the device.
- Carriage must be removed to fold stroller.

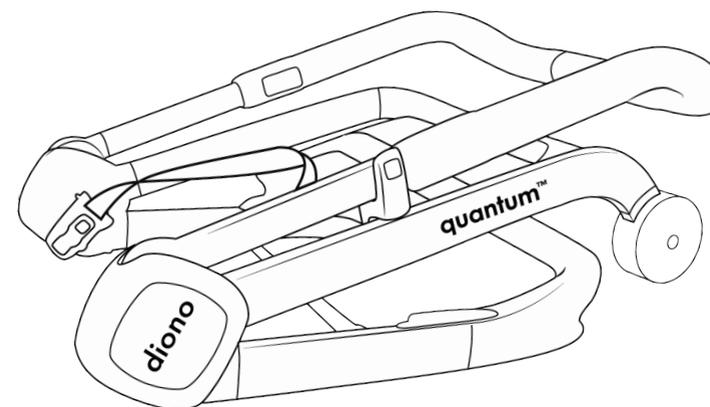
## what is included



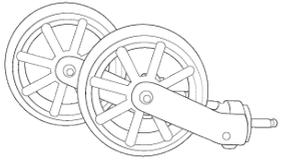
the magic  
inside the box



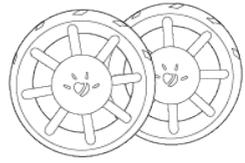
Carriage/Toddler Seat



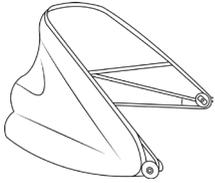
Chassis



Front Wheels x2



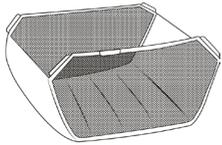
Rear Wheel x2



Canopy



Bumper Bar



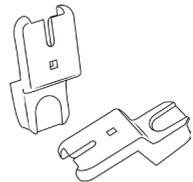
Basket



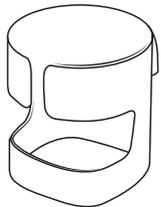
Apron



Harness Pads



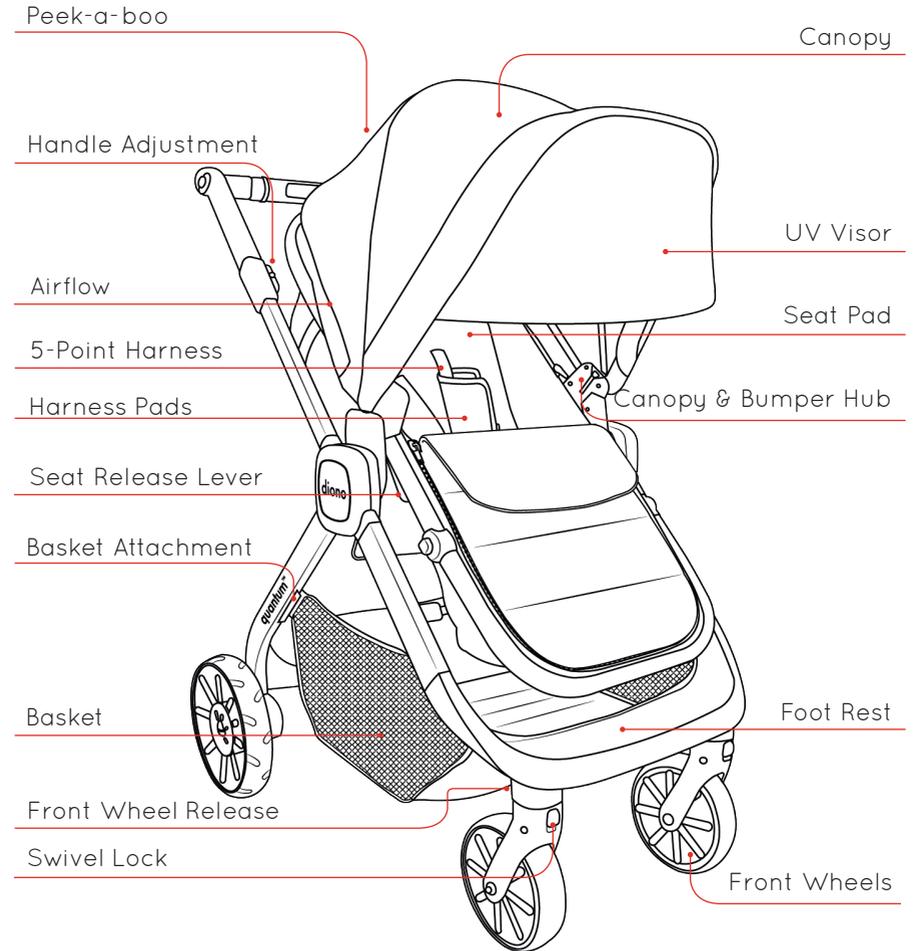
Infant Car Seat  
Adapters x2



Cupholder

parts list

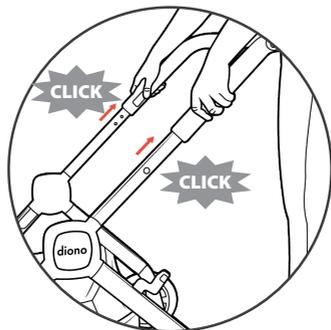
Front view







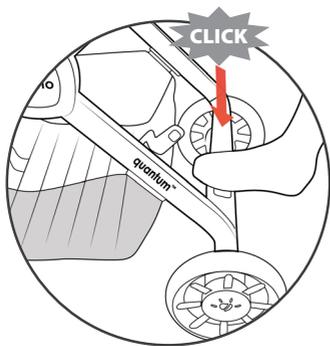
### Height adjustable handle bar



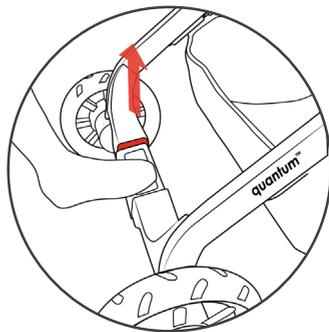
Press and hold buttons both sides and slide up or down.



### One-step brake



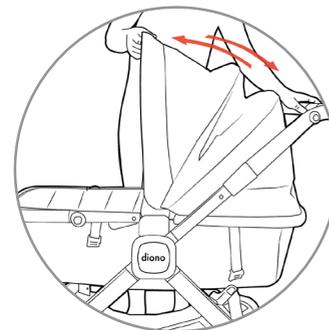
Step on brake to lock wheels.



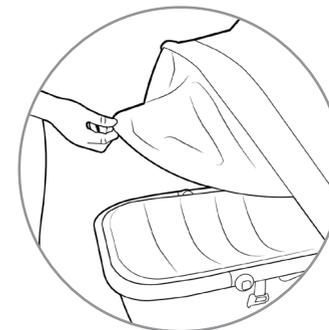
Step on again to unlock.



### Eclipse canopy



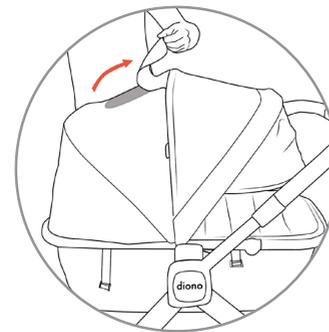
Pull canopy forward to open.



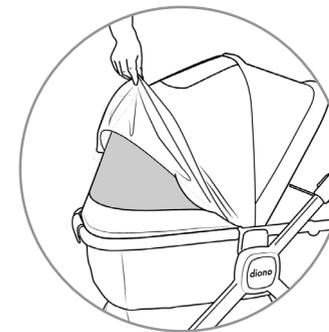
Pull out UV visor from under canopy.



### Peek-a-boo and Airflow



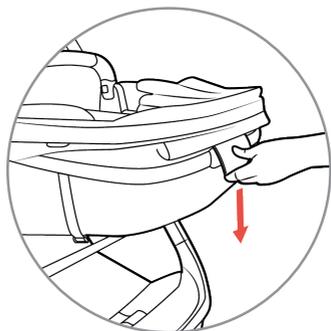
Move magnetic flap to reveal UV window.



Lift rear partition of canopy over rib for improved air circulation.



### Multi-position recline



Lift recline handle and move seat up or down for multi-position.



### Adjustable calf support



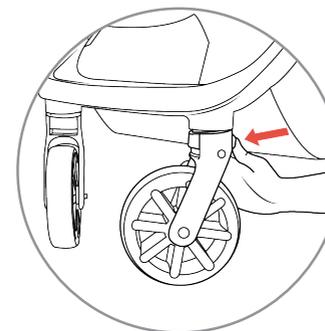
Press and hold button while pivoting back or forth and to lock into place.



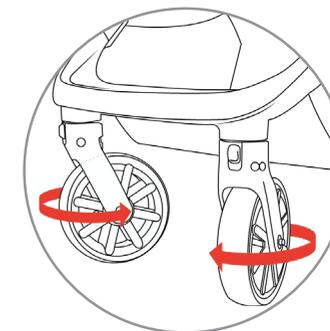
### Swivel wheels



Slide button down to activate swivel.



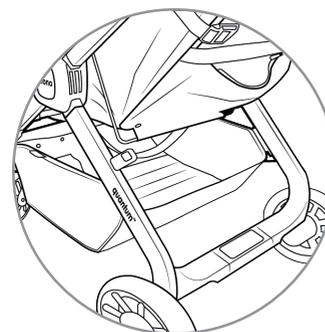
Slide button up to deactivate swivel.



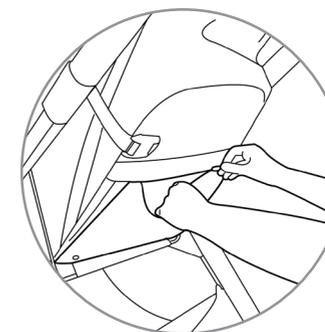
Wheels will automatically rotate to forward-facing lock.



### Storage



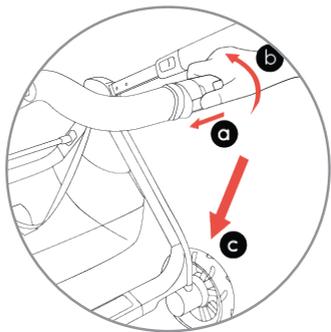
The basket is easily accessible from the front the back, and the sides.



Extra storage pocket on the back of the seat.



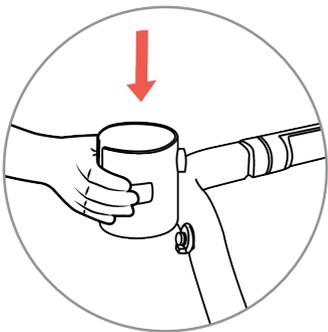
### One-hand fold



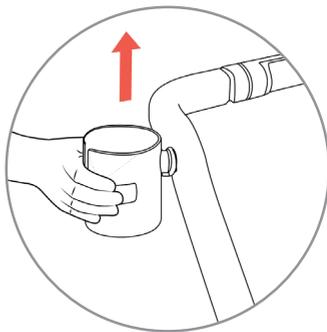
- (a) Slide button with thumb and hold.
- (b) Lift handle slightly.
- (c) Twist center of handle to fold.



### Cupholder mount



Attach cupholder to the mount.

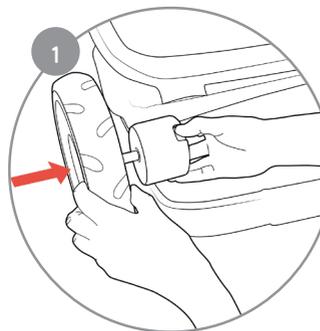


Pull up to release.

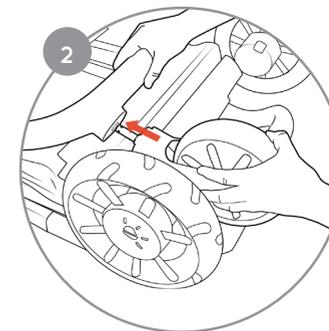


## assembling your quantum

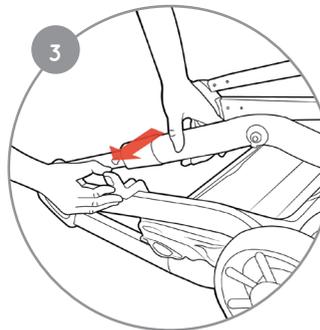
### assembly - the chassis



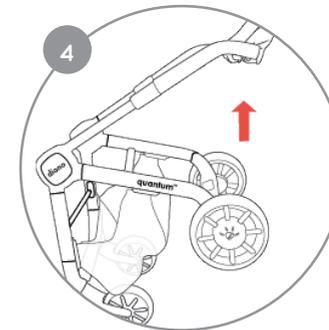
1 Push rear wheels into rear sockets. Pull wheel to ensure it's locked in.



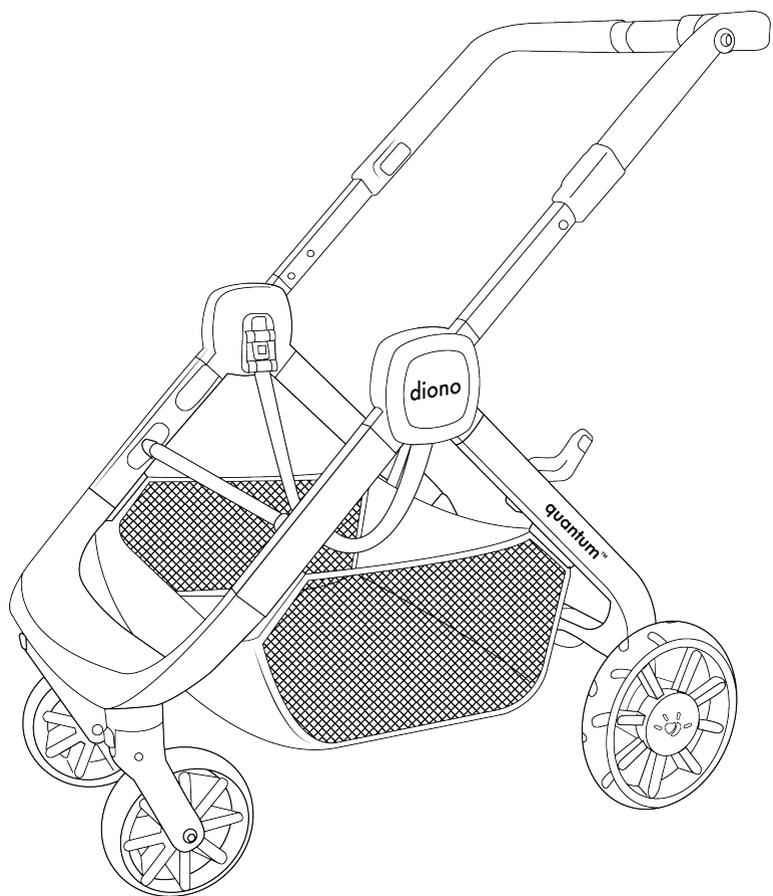
2 Insert front wheels into front sockets. Pull wheel to ensure it's locked in.



3 With handle bar facing upwards, pull latch to open.

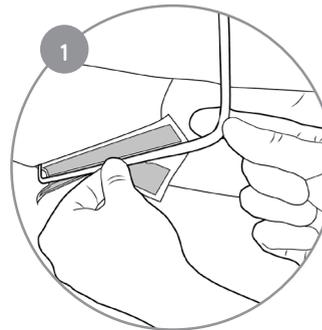


4 Lift stroller by handle bar until the chassis locks.

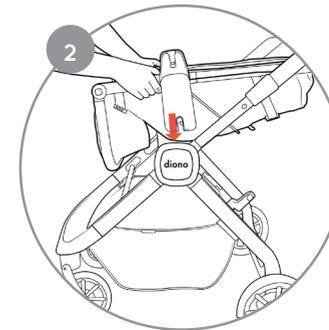


Assembled chassis

assembly - the seat



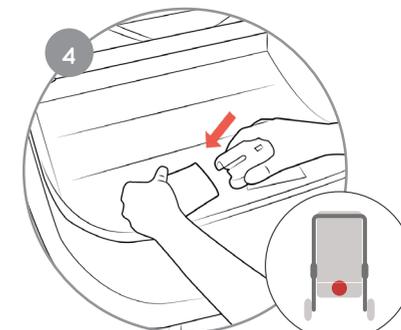
**Important:** Secure retainer bar under seat with the hook and loop strip.



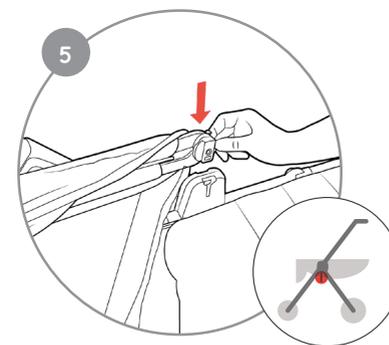
Slot and lock seat into hub.



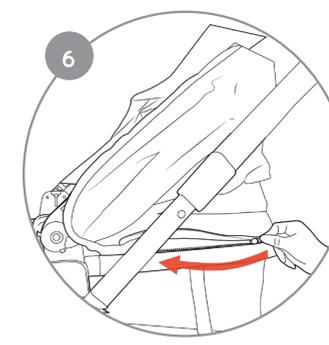
Slot the bumper into seat. Can be used when required.



Store infant car seat adapters within elastic loops inside basket.



Snap canopy into hubs on either side of seat.



Open canopy, then secure to seat using outer grey zip.

**now, you're ready to go!**



# operating your quantum

“Baby will spend a lot of time sleeping in order to grow strong and healthy.”

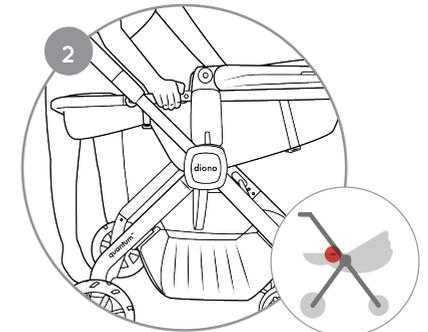
We recommend starting out in parent-facing, carriage mode, to provide your child with optimal comfort. **Here's how it's done...**



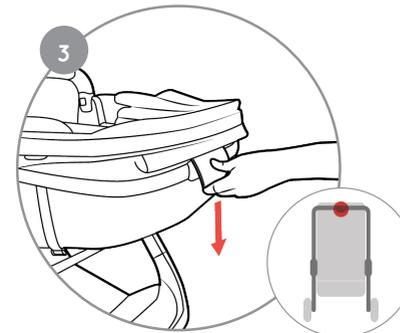
## Carriage mode ready from birth



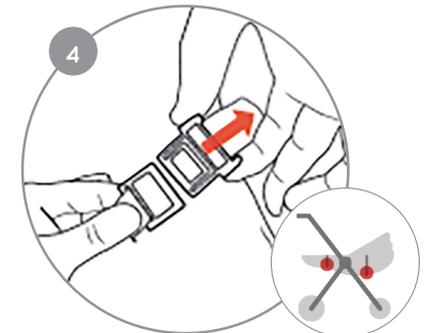
Pivot foot rest on seat, pull forward until flat and it clicks into position.



Attach seat to chassis, parent-facing.



Ensure seat is laying flat using reclining clip.

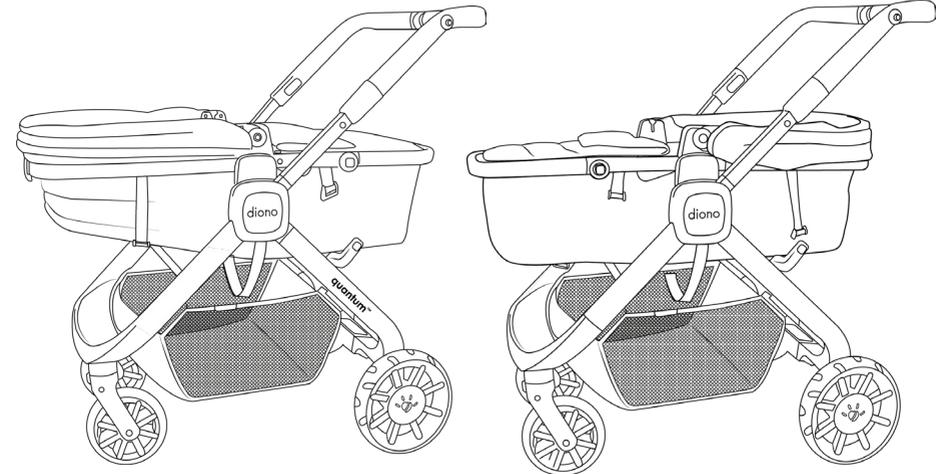


Squeeze and release x4 clips underneath seat, then tuck buckles into slots on the carriage to store.



Completed carriage mode

other positions for carriage mode



Carriage mode, parent-facing.

Carriage mode, world-facing.

do's and dont's



Do not recline or incline carriage mode.



Do not place child at top of carriage mode.



Do not exceed 33 lbs (15 kg) weight.



Not for overnight sleeping.



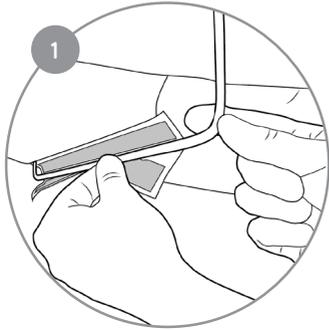
Place baby at the end of carriage mode.



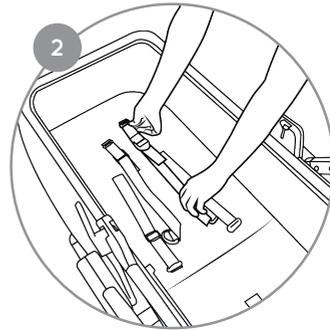
Place newborn centrally.



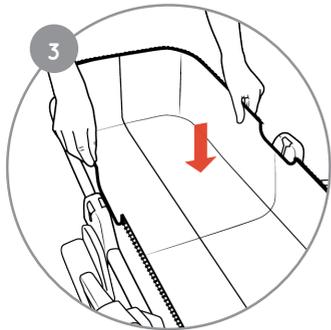
### Carriage liner and mattress (sold separately)



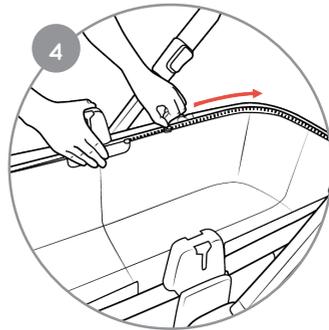
**Important: Retainer bar must be disengaged in carriage mode by removing retainer bar and loop strip.**



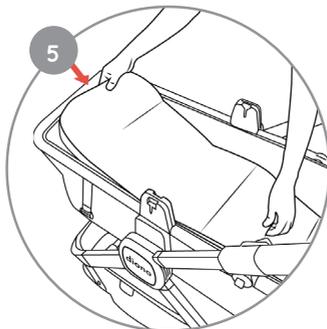
Remove seat pad.  
Move straps to the sides.



Place mattress liner into carriage.



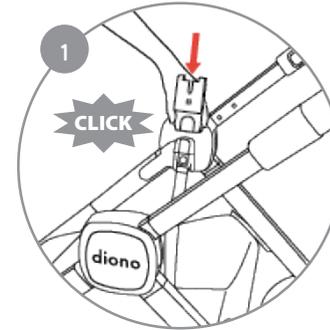
Attach mattress liner with inner zip.



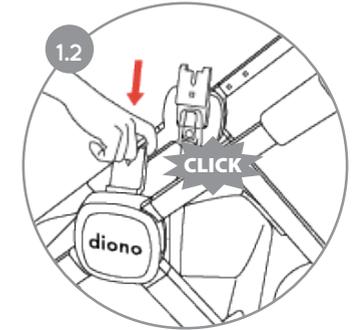
Place mattress into liner.



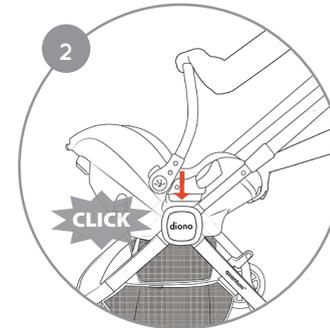
### Attaching your Infant Car Seat



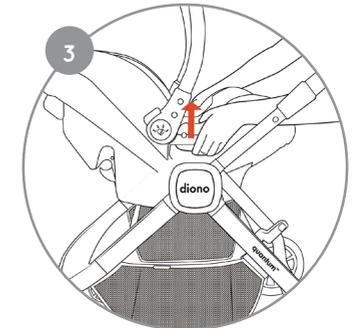
Slot right Infant Car Seat Adapter into right chassis hub.



Slot left Infant Car Seat adapter into left chassis hub.



Slot and lock Infant Car Seat into adapters.



Follow the instructions provided by the Infant Carrier manufacturer to release the product.

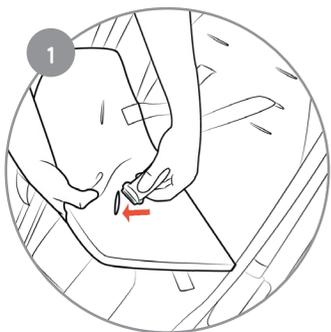
**Important: Check that the infant car seat is secure.**

Always use infant car seat restraint system as recommended by manufacturer. To ensure proper locking engagement, pull on the infant car seat; it should stay attached to the frame.

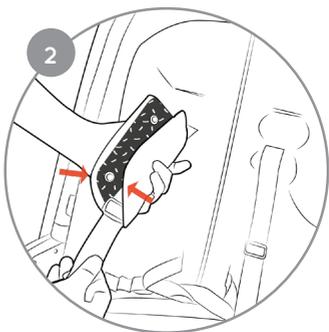
\*Compatible with most Maxi Cosi, Nuna, Cybex\*, and other Diono adapters for use with Chicco, Graco & Peg Perego are available and sold separately.



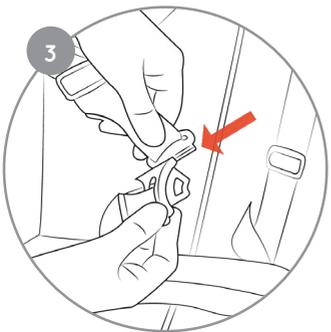
## 5-point harness (for carriage and toddler seat mode)



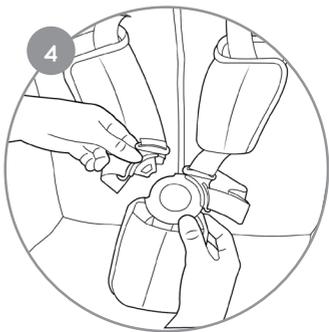
Thread straps through holes in seat pad, closest to child's shoulder height.



Attach shoulder pads around the harness.



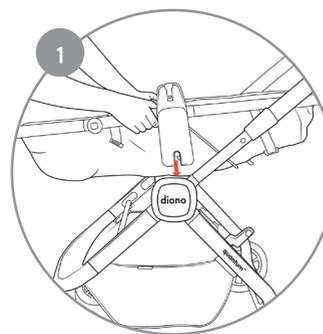
Slide shoulder clips onto waist clips.



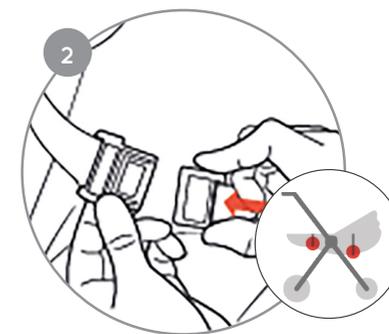
Slot clips into main buckle. Press center button to release.



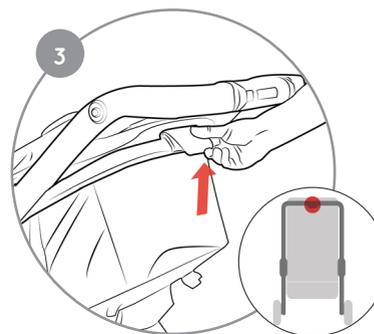
## Toddler seat position (3-6 months+)



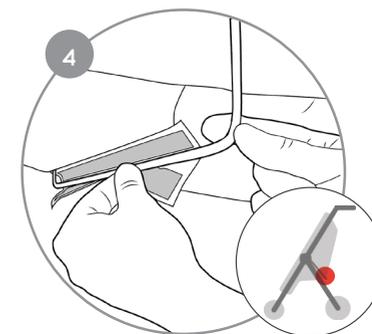
Re-attach seat, world-facing.



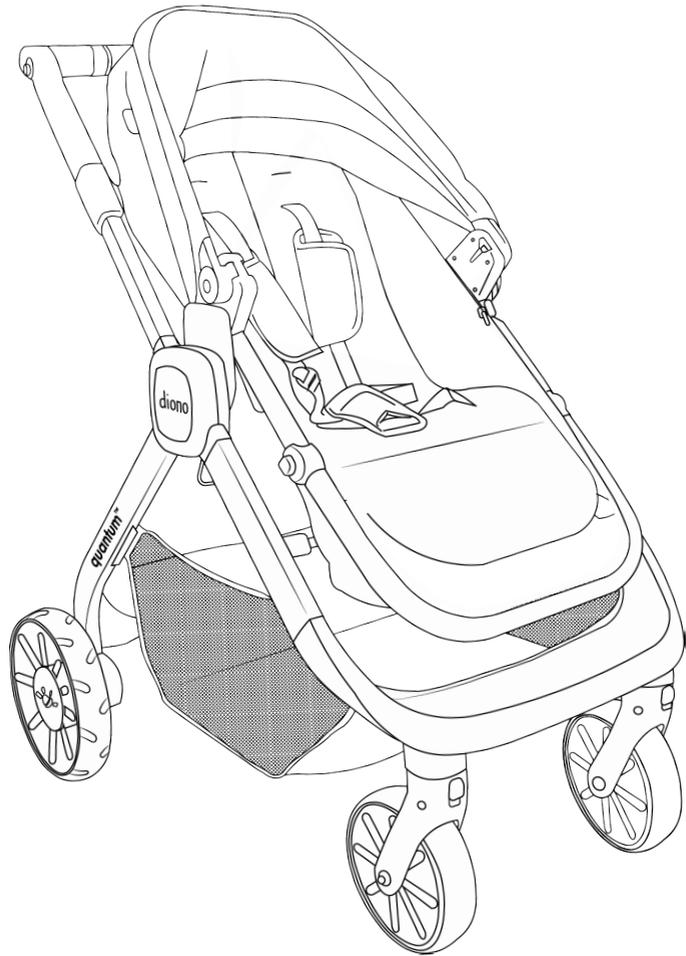
Secure all clips underneath the seat x4.



Move seat to the upright toddler position using the recline clip.



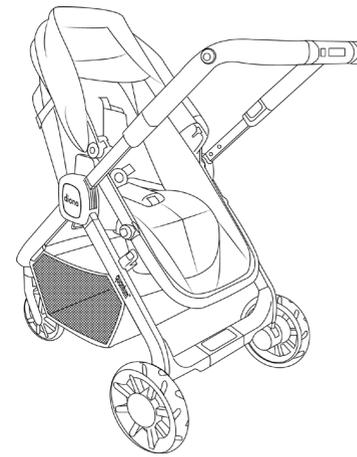
**Important: Ensure the retainer bar is firmly secured with hook and loop strip.**



Completed toddler seat position

seat modes

other positions for toddler seat mode



Toddler seat mode in upright position, parent-facing.



Toddler seat mode in reclined position, world-facing.

do's and don'ts



Position feet on the seat foot rest.



Do not use in lay flat mode.



Not suitable for children under 3 months.



Do not exceed 50 lbs (22 kg) weight.



my fold

“My fold has been cleverly designed to open and close at the pace you want.”

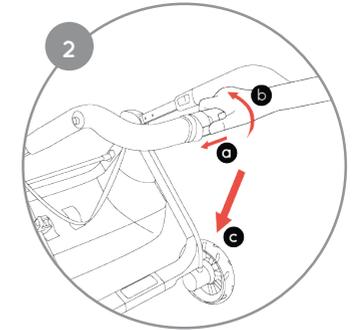
folding



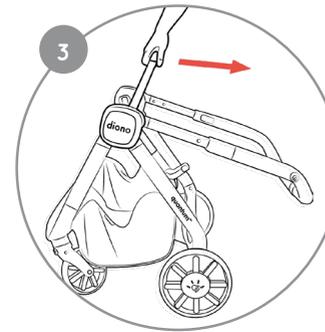
### Folding without seat



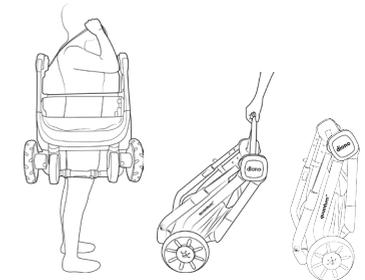
1 Activate swivel wheels. Press and hold levers and remove seat.



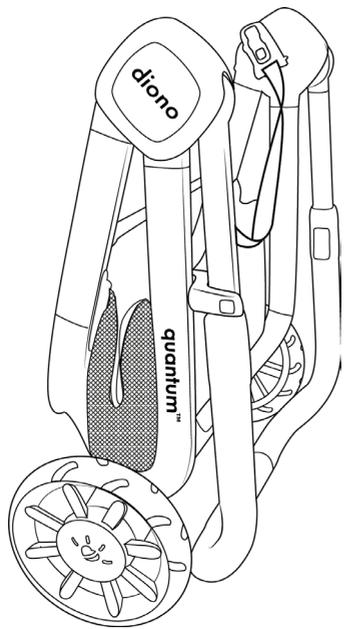
2 (a) Slide button with thumb and hold. (b) Lift handle slightly. (c) Twist center of handle to fold. (d) Drop and release handle bar to first stage.



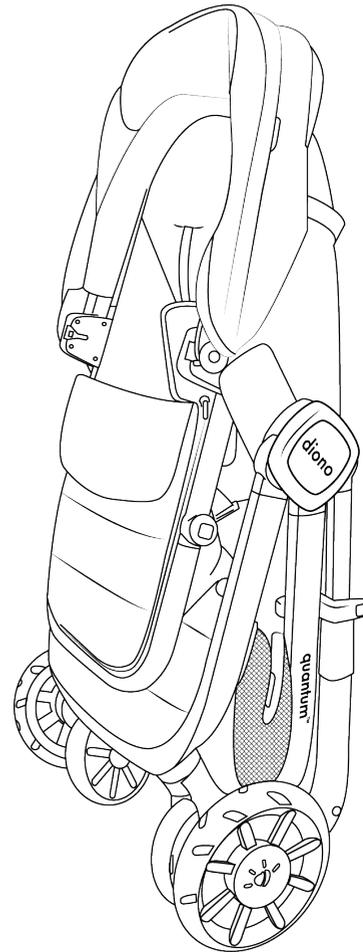
3 Grasp carry strap and draw backwards to complete fold.



Folded stroller can be carried over shoulder, wheeled along or stand on its own.



Completed fold

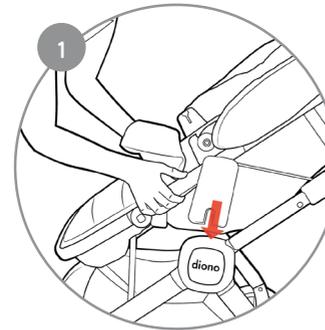


Fold can be made from both Carriage and Toddler Seat mode.

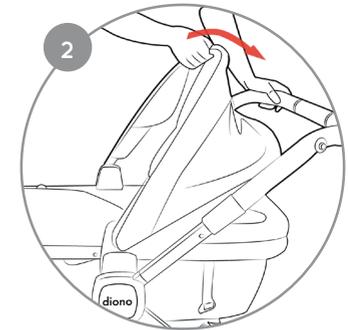
folding



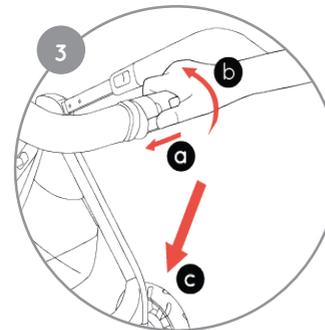
Folding with seat attached



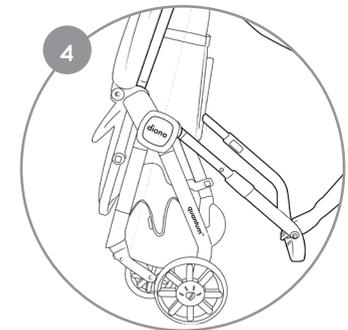
1 Activate swivel wheels. Place seat world facing.



2 Ensure canopy is closed and handle bar is at its lowest position.



3 (a) Slide button with thumb and hold.  
(b) Lift handle slightly.  
(c) Twist center of handle to fold.  
(d) Drop and release handle bar to first stage.



4 Push handle bar towards floor to complete self standing fold.

## Care and Maintenance

### cleaning

- Clean chassis with a damp cloth and a mild detergent; dry thoroughly. DO NOT use abrasives.
- If the stroller chassis parts have been exposed to salt water we recommend that they be rinsed with fresh (tap) water as soon as possible to avoid corrosion. Always dry frame if wet.
- DO NOT fold or store the **Quantum** if it is damp or wet, nor store in a damp environment.

### spot cleaning seat and canopy fabrics

- Spot clean or hand wash in cold water with mild detergent. Dry at and away from direct sunlight before re-use or storage. DO NOT bleach, iron or dry clean.
- To extend the life of your **Quantum**'s fabric, keep it clean and do not leave it in direct sunlight for long periods of time.

### cleaning carriage liner

- Do not bleach, iron or dry clean inner carriage fabrics and bumper bar cover.
- Machine wash cold, gentle cycle with mild detergent.
- Dry flat and away from direct sunlight before re-use or storage.
- Do not bleach, iron or dry clean.

### maintenance and repair

- This stroller requires regular user maintenance. Regularly check all connecting hardware (rivets, screws, etc.) for tightness and security.
- Inspect your **Quantum** periodically to verify that all the parts are correctly and safely assembled. Seek prompt repairs, replacing worn or broken parts as needed. Check all safety devices, locks and harnesses for correct and secure operation. Never continue to use a product that is structurally unsound.
- Only Diono replacement parts should be used. It may be unsafe to use parts supplied by another manufacturer.
- Contact Customer Care with any repair questions at 1-855-463-4666, Monday through Friday, 8 am - 5 pm Pacific Standard Time.

## Warranty

### limited warranty

Your stroller is warranted to be free from any manufacturing defects for a period of 1 year from the date of purchase under normal use and in compliance with the operating instructions. This warranty is not transferable and extends only to the original retail purchaser and is only valid when supplied with proof of purchase. Please retain proof of purchase for this limited warranty.

The warranty is valid only in the original country of purchase. This warranty is subject to the conditions set forth by country in which the items were purchased. Conditions may vary.

Diono will not ship replacement or repair parts out of the country of purchase.

Diono reserves the right to exchange item with a replacement part. Some parts may be replaced with newer model parts as the stroller is improved over time.

Please NOTE that a repair issue will NOT be covered by this warranty if:

- The issue is caused by misuse or poor maintenance. Please refer to this instruction booklet for guidance on stroller use and maintenance.
- Damage is caused by improper installation of Diono parts and/or accessories. Please refer to this instruction booklet for guidance on stroller assembly and use.
- Damage is corrosion, mold or rust caused by lack of maintenance or service.
- Damage is due to general wear and tear, which is the result of everyday use or negligence.
- Damage is caused by sun intensity, sweat, detergents, damp storage or frequent washings.
- Repairs or modifications are carried out by a third party.
- Stroller is purchased from an unauthorized retailer. Approved retailers are listed on our website at **us.diono.com**.
- Stroller is second-hand.
- Stroller is damaged as a result of an accident, airline or freight damage.

Diono reserves the right to determine if warranty terms and conditions have been met. Please contact your local distributor if you have any questions regarding warranty.



USA

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