

orbit™ Toddler Car Seat Manual



Table of Contents

Before You Begin	4
Your Child's Safety Depends on You	5
Expiration Date	8
Registering Your Toddler Car Seat	9

Usage Recommendations	10
Some Important Warnings	11
The Right Position for Your Child's Weight & Height	14
Seat Positions & Vehicle Restraint Options	17
Need Help Securing Your Toddler Car Seat?	27

Rear-Facing Installation	28
Choosing Between the Orbit Base and the Included Braces	34
Terms You Need to Know	36
Installation on the Orbit Base	37
Attaching the Braces to the Seat, Rear-Facing Only	41
Installation with Braces & LATCH System (without Orbit Base)	45
Installation with Braces & Vehicle Seat Belts (without Orbit Base)	49

Forward-Facing Installation	56
Attaching the Braces to the Seat, Forward-Facing	62
Installation with Braces & LATCH System (without Orbit Base)	65
Installation with Braces & Vehicle Seat Belts (without Orbit Base)	68
Top Tether Installation	72

Securing Your Child	74
Buckling the Restraint Harness	76
Adjusting the Restraint Harness to Fit Your Child	80

Traveling with Your Toddler Car Seat	88
Using the Toddler Car Seat on the Orbit Stroller	90
Using Your UV Sunshade	94
Using in an Aircraft	96

Maintaining Your Toddler Car Seat	98
Cleaning	100
Limited Customer Warranty	106

4 Before You Begin

Your Child's Safety Depends on You	5
Expiration Date	8
Registering Your Toddler Car Seat	9

Welcome to the Orbit Baby family!

Congratulations on the purchase of your Orbit Toddler Car Seat. Please take the time to read through this instruction manual carefully and make sure anyone else using the Orbit Toddler Car Seat reads it carefully as well.

Your Child's Safety Depends on You



No child restraint system can guarantee protection from injury in every situation. However, proper use of the Orbit Toddler Car Seat reduces the risk of serious injury or death to your child. Your child's safety depends on you installing and using this child restraint system correctly every time. This instruction manual guides you in detail through the following steps:

- 1. Register your Toddler Car Seat** and take note of the Expiration Date. Orbit Baby will help you keep track of safety updates and product recalls when you register with us.
- 2. Learn How to Use the Toddler Car Seat.** The Toddler Car Seat can be used in three configurations:
 - a) Rear-Facing on the Orbit Base,
 - b) Rear-Facing with the Braces (without the Orbit Base), or
 - c) Forward-Facing with the Braces (without the Orbit Base).

The best choice for your child's safety depends on your child's weight and height: review the "Usage Recommendations" section of this manual.
- 3. Select a seating location in your car.** An important overview of vehicle seating locations is in the "Usage Recommendations" section. There you can find information about air bags and different types of vehicle seat belts. The Toddler Car Seat can be installed using either the LATCH System or vehicle seat belts.

Note: According to accident statistics, children have less chance of injury when properly restrained in **rear vehicle seats**. In addition, safety

technicians recommend keeping children **Rear-Facing** for as long as possible. The switch to Forward-Facing will depend on your child's age and size. Consult the "Usage Recommendations" section.

- 4. Install your Toddler Car Seat with your Orbit Base or with the Braces.** Only use your Toddler Car Seat on an Orbit Base Rear-Facing, and on an Orbit Base with a Green Circular Seal (shown at right) on its Center Label. When using the Orbit Base, have the Base manual handy for instructions about Base installation. (The Orbit Base manual can also be stored with this one inside the Rear Access Panel, at the rear of the Toddler Car Seat.)



- 5. Ensure that the Toddler Car Seat is level.** Level Indicators show whether the Toddler Car Seat is properly reclined. The recline can be adjusted, both when using the Orbit Base or the Braces. A carseat that is too reclined can result in injury or ejections, and a carseat that is too upright can result in breathing difficulties.
- 6. Check the security of the Toddler Car Seat** by pulling in several different directions after installation. The Toddler Car Seat should not move more than 1 inch (1") in any direction once installed. (Note: The Toddler Car Seat must be locked in Rear-Facing position when using on the Orbit Base.)
- 7. Secure your child.** The sections in "Securing Your Child" provide you with instructions to secure and adjust the Restraint Harness to the proper fit for

your child. You can also adjust the fit of the crotch belt to ensure safety and comfort to your child.

8. Use properly in an aircraft and on the Orbit Stroller. The section titled "Traveling with your Toddler Car Seat" reviews how you can use the Toddler Car Seat in aircraft seats and on the Orbit Stroller.

9. Maintenance and Cleaning. The last section provides you with instructions to clean the Upholstery, as well as explains the limited customer warranty. ●

Expiration Date

DO NOT use the Orbit Toddler Car Seat after the Expiration Date, which can be found on the **Product Information Label**, located behind the Rear Access Panel at the rear of the Toddler Car Seat.

The **Product Information Label** on the Toddler Car Seat also shows its specific serial number and model number. For your convenience, you can copy this information into the boxes below. ●

Toddler Car Seat - ORB 807000

Serial Number

Manufacture Date

Expiration Date

Child restraints could be recalled for safety reasons. You must register this restraint to be reached in a recall.

You can find the serial number and model information on the Product Information Label (see page 8) on your Orbit Toddler Car Seat.

Send your name, address, and the restraint's model number and manufacturing date to Orbit Baby by

logging onto: www.orbitbaby.com/register

emailing: support@orbitbaby.com

calling: **1-877-ORB-BABY (672-2229)**

mailing the attached registration card to:

**Orbit Baby, Inc.
8445 Central Ave.
Newark, CA 94560**


For recall information, call the U.S. Government's Vehicle Safety Hotline at 1-888-327-4236 (TTY: 1-800-424-9153), visit the National Highway Traffic Safety Administration's website at www.NHTSA.gov, or contact Orbit Baby. ●


Some Important Warnings	11
The Right Position for Your Child's Weight & Height	14
Seat Positions & Vehicle Restraint Options	17
Need Help Securing Your Toddler Car Seat?	27

 **WARNING** 
Death or Serious Injury Can Occur

FAILURE TO FOLLOW THESE INSTRUCTIONS AND THE PRODUCT LABELS CAN RESULT IN SERIOUS INJURY OR DEATH TO YOUR CHILD.

 To avoid serious injury or death, proper use is required. **DO NOT** let others install or use the Orbit Toddler Car Seat or Orbit Base without reading all the instructions first.


 **SUFFOCATION HAZARD:** Toddler Car Seat can roll over on soft surfaces and suffocate child. **NEVER** place Toddler Car Seat on beds, sofas or other soft surfaces.


 **FALL HAZARD:** Child's movement can slide Toddler Car Seat. **NEVER** place Toddler Car Seat near edges of counter tops, tables, or other elevated surfaces.


Keep this instruction manual for future use. It can be stored in the pocket inside the Rear Access Panel, at the rear of the Toddler Car Seat. If the instruction manual is missing, visit www.orbitbaby.com, email support@orbitbaby.com, or call Orbit Baby at 1-877-ORB-BABY (1-877-672-2229) for a replacement.


Your child can be injured in a vehicle even if you are not in a crash. Sudden braking and sharp turns can injure your child if the Orbit Base or Toddler Car Seat are not properly installed or if your child is not properly secured in the Toddler Car Seat.

 **WARNING** 
Death or Serious Injury Can Occur

 **DO NOT PLACE THIS TODDLER CAR SEAT IN VEHICLE SEATING LOCATION WITH A FRONT AIR BAG.** If the front air bag inflates, it can hit the Toddler Car Seat with great force and cause serious injury or death to your child. For vehicles with air bags, refer to your vehicle owner manual for information on your vehicle seat installation.


 **Secure the Toddler Car Seat with either the vehicle's LATCH system or vehicle seat belts, as shown in this manual.** Always check the security of your installation by pulling side to side. The Toddler Car Seat, when installed either on the Orbit Base or without the Base, should not move more than 1 inch in any direction.


 **Use the Toddler Car Seat only with children who weigh between 15 pounds (6.5 kg) and 50 pounds (23 kg) and whose height is 49 inches (124 cm) or less.** Determine the right installation setup for your child's weight and height.


 **To prevent ejection or breathing difficulties, proper recline is required.** When installing the Toddler Car Seat on the Orbit Base, check the level of the Base. When installing with the Braces, check the level of the Braces.


 **Never leave your child unattended in the Toddler Car Seat.**

 **WARNING** 
Death or Serious Injury Can Occur


 **PROPERLY SECURE THE RESTRAINT HARNESS.** Child MUST be secured properly by the Restraint Harness at all times, whenever the Toddler Car Seat is used in a vehicle or outside of a vehicle.

 **STRANGULATION HAZARD:** Your child can strangle in a loose Restraint Harness. Never leave a child in the Toddler Car Seat with straps loose or undone.

 **Never leave a Toddler Car Seat unsecured in your vehicle.** The LATCH Belt or vehicle seat belt must stay tightly adjusted around the child restraint system at all times, even when not occupied. Unsecured items can cause injury in a sharp turn, sudden stop or crash.

 **Do not modify your Toddler Car Seat.** Only use products and accessories approved by Orbit Baby to ensure the safety of your child. Follow the accompanying instruction manuals for these products and accessories carefully. Contact Orbit Baby for replacement parts.

 **Do not allow any re-use of the Toddler Car Seat after a motor vehicle collision of any kind.** A collision can cause damage to the Toddler Car Seat that you cannot see.

 **Do not use the Toddler Car Seat if any component is damaged, broken, or missing parts.**

The Right Position for Your Child's Weight and Height

The Toddler Car Seat can be used in three configurations:

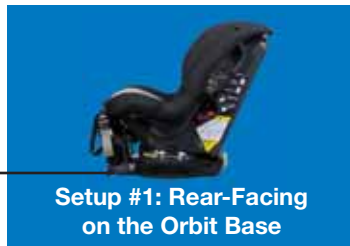
- 1) Rear-Facing on the Orbit Base,
- 2) Rear-Facing with the Braces (without the Orbit Base), or
- 3) Forward-Facing with the Braces (without the Orbit Base).



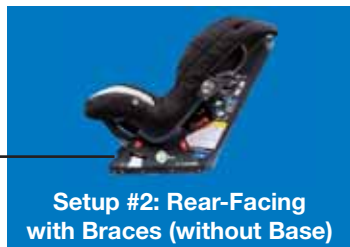
Orbit Base
(not included)



Side Impact Braces™
(included)



Setup #1: Rear-Facing
on the Orbit Base



Setup #2: Rear-Facing
with Braces (without Base)



Setup #3: Forward-Facing
with Braces (without Base)

Rear-Facing

Forward-Facing

Use the Orbit Toddler Car Seat only with children 15 to 50 pounds and less than 49 inches. Use the carseat according the following usage recommendations:

Rear-Facing Use:
15-35 pounds
(all children under 1 year of age
MUST stay Rear-Facing)

Forward-Facing Use:
Over 1 year old AND 20-50 pounds
AND under 49 inches

You will notice an overlap of the Rear- and Forward-Facing weight ranges. This is so that you have flexibility to make the transition when your child is over 1 year old and it feels right for your child's size. Orbit Baby, along with many safety groups, recommends **keeping children in a Rear-Facing position as long as possible** while following the above requirements. However, the child should switch from Rear- to Forward-Facing if the child is over 1 year of age or they are uncomfortable in a Rear-Facing position.

Discontinue usage of the Toddler Car Seat when your child grows beyond 50 pounds or 49 inches, or his/her ears are above the top of the seat back.

See pages 32-33 (Rear-Facing Use) or pages 59-60 (Forward-Facing Use) for more information about how your child should fit in the Toddler Car Seat.

Rear-Facing Considerations: When used Rear-Facing, the Toddler Car Seat can be docked on the Orbit Base or installed by itself with the addition of the included Braces. **Safety technicians recommend keeping children in a Rear-Facing position for as long as possible.**

Important Notice: The Orbit Base has been updated to extend its usage for the Toddler Car Seat. You can only use your Orbit Base with your Toddler Car Seat if it has the Green Circular Seal shown below. All Bases manufactured before 2/2008 must be updated by contacting Orbit Baby or visiting www.orbitbaby.com/support/upgrade.



Forward-Facing Considerations: In the Forward-Facing orientation, the Toddler Car Seat can only be used with the included Braces. It is not possible to dock the Toddler Car Seat into the Orbit Base Forward-Facing.

Please refer to the blue Rear-Facing section (page 28) or red Forward-Facing section (page 56) of this manual for more information about how your child should fit in the Toddler Car Seat. ●

1. Choosing a Vehicle Seating Location

You may choose a seating location in your vehicle that has acceptable LATCH anchors (part of the Lower Anchors and Tethers for Children system) or vehicle seat belts approved by the vehicle manufacturer. The shape of the seat and vehicle seat belt type may also affect the installation of the Toddler Car Seat.

According to accident statistics, children have less chance of injury when properly restrained in rear vehicle seats, rather than front vehicle seats.

In addition, the **center rear seating location is considered the best location** if ALL the following conditions are met:

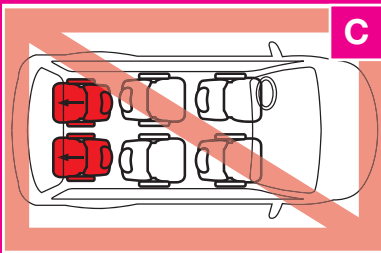
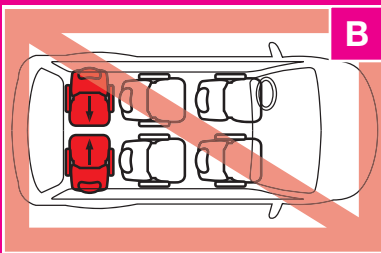
- Lower LATCH anchors are spaced, center-to-center, between 11 and 20 in. (280 and 500 mm) apart or the seat has an acceptable vehicle seat belt
- LATCH or vehicle seat belt provides a secure installation and remains tightly adjusted around the carseat
- The seat geometry allows the seat to be properly reclined once installed
- If the vehicle seat back is adjustable, the vehicle seat back is locked into the upright position
- Installation in this seating location is permitted by the vehicle manufacturer



Seat Positions & Vehicle Restraint Options **cont'd**

Guidelines:

- Never secure the Toddler Car Seat Rear-Facing in a seating location with a front airbag. Check your vehicle owner's manual regarding air bag compatibility with child carseats (Figure A).
- Never secure the Toddler Car Seat in a vehicle seating location unless recommended by the vehicle owner's manual.
- Only install the Toddler Car Seat in forward-facing vehicle seats. Do not install carseat in side-facing or rear-facing vehicle seats (Figure B & C).
- Do not secure the Toddler Car Seat in vehicle seating locations where the vehicle seat back does not lock in an upright position.

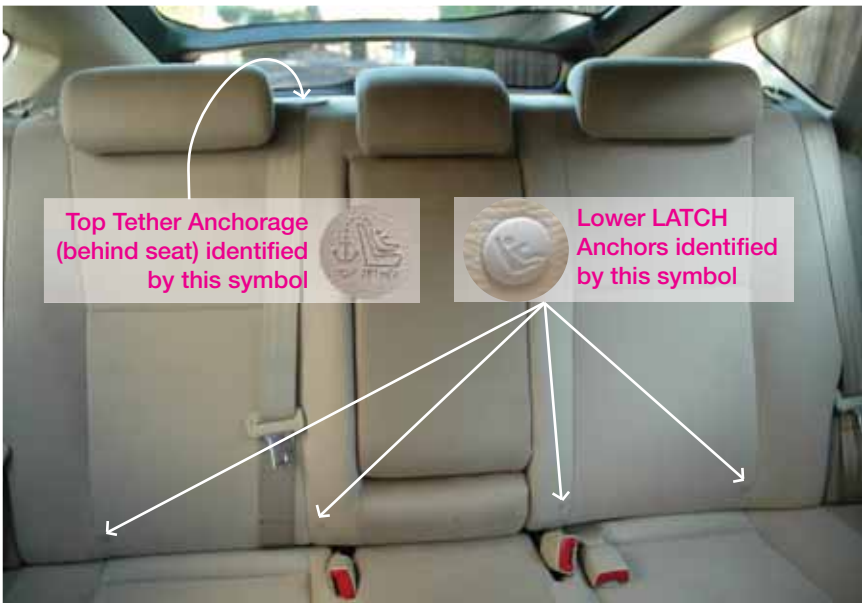


After you've chosen a seating location, follow instructions in this manual for installation using LATCH or vehicle seat belts, and the child restraint information in your vehicle owner's manual.

⚠ WARNING ⚠

Improper Placement of the Toddler Car Seat Increases the Risk of Serious Injury and Death

- If the LATCH Belt or vehicle seat belt does not stay tightly adjusted around the Toddler Car Seat at all times, reinstall or refer to your vehicle owner's manual.
- **Some vehicles do not have any seating locations where a child restraint system can be installed securely.** If you are unsure where to place the Toddler Car Seat, refer to your vehicle owner's manual for instructions about carseat use.
- If the vehicle seat belt does not remain tight or the Toddler Car Seat can move more than 1 inch in any direction, your child could be seriously injured in a sharp turn, sudden stop, or crash. Move the Toddler Car Seat to another seating location and try again. If in doubt, refer to the vehicle owner's manual for specific instructions regarding child restraint use. ●

2.Vehicle Restraint Option 1: LATCH System

Starting with the 2003 model year, all vehicles are required to have one or more seating positions with LATCH attachment system for carseats (Lower Anchors and Tethers for Children). Many manufacturers began including LATCH systems with their 2000 model year vehicles. Refer to your vehicle owner's manual to locate all anchors. The lower anchors may be visible at the vehicle seat crease; if not, their locations may be marked with the symbol to the right. The top tether anchor may be located somewhere behind the vehicle seat.



⚠ WARNING ⚠

Improper Installation Can Cause Serious Injury and Death

See your Vehicle Owner's manual regarding requirements for using LATCH anchorages with this child restraint system. If you are unsure how to identify or use the LATCH system, contact the vehicle manufacturer.

LATCH Connectors must be secured to the vehicle LATCH anchors only. Connections to other vehicle components could result in an insecure installation of the Toddler Car Seat.

Never attach two LATCH Connectors to one LATCH anchor, unless recommended by the vehicle owner's manual for your vehicle.

Never use both the lower LATCH anchors and the vehicle seat belt system at the same time to secure the Toddler Car Seat.



Close-up of typical Lower LATCH symbol, found just above the vehicle seat crease where the LATCH anchorage is located.

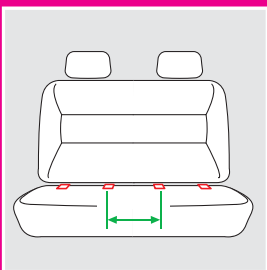


Image A

Seat Positions & Vehicle Restraint Options **cont'd**

Pay careful attention to the type of LATCH anchors and vehicle seat belts that are in your vehicle; some cargo anchors that are unsafe to use with child restraints look the same as LATCH anchors. Read your vehicle owner's manual for LATCH anchorage locations.

Only install the Toddler Car Seat with LATCH anchors if using a vehicle seating location that is recommended by the vehicle manufacturer. For rear-center seating positions that have a center-to-center LATCH anchor spacing between 11 and 20 inches (280 mm and 500 mm) (See Image A), only use if recommended by the vehicle manufacturer. ●

3. Vehicle Restraint Option 2: Vehicle Seat Belts



Shoulder-Lap
Vehicle Seat Belts

Vehicle Seat Crease

⚠ WARNING ⚠
Death or Serious Injury Can Occur

Some vehicle seat belts cannot securely hold the Orbit Toddler Car Seat and Orbit Base. The vehicle seat belt must hold a child restraint system tightly at all times.

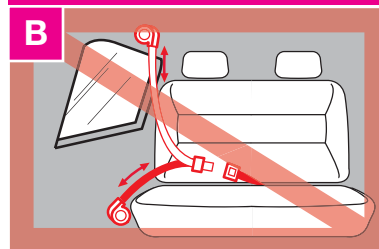
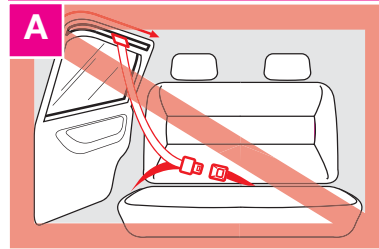
There are many types of vehicle seat belts. Different types of seat belts may even be used at different seating locations within the same vehicle.

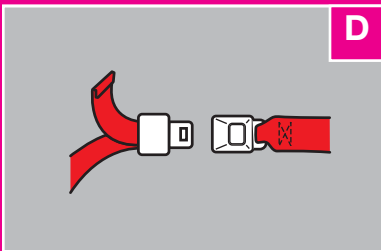
If the vehicle seat belt does not remain tightly adjusted around the carseat or the Toddler Car Seat can move more than 1 inch in any direction, your child could be seriously injured in a sharp turn, sudden stop, or crash. If the Toddler Car Seat is loose, move it to another seating location and re-install.

Your vehicle owner's manual will have information on which vehicle seat belts in your vehicle can be used safely with a child restraint system. If in doubt, contact the vehicle manufacturer for guidance.

The following types of vehicle seat belts are NOT compatible with the Toddler Car Seat and Orbit Base:

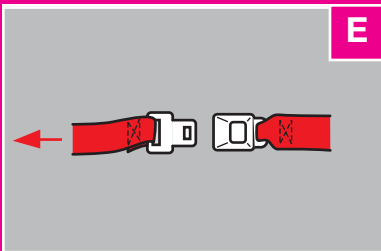
- 1) Lap, shoulder-lap or shoulder belts mounted to the vehicle door (See Image A)
- 2) Motorized automatic vehicle seat belts
- 3) Three point vehicle seat belts that have separate retractors for the shoulder section and the lap section (See Image B)
- 4) Vehicle seat belts with emergency-locking retractors that only lock in the event of a crash
- 5) Lap belts forward of the seat crease (See Image C)





D

Do not install the Orbit Base or Toddler Car Seat using any of the vehicle seat belt types listed above. Select another seating position or use compatible LATCH anchorage points instead.

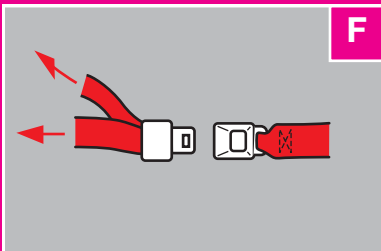


E

If you determine that there are no acceptable vehicle seat belt systems in your vehicle, contact the vehicle manufacturer for options.

The following vehicle seat belt systems CAN be used with your Toddler Car Seat and Orbit Base when following the appropriate instructions in this manual:

- 1) Manually adjusted lap belts
(See Image D)
- 2) Lap belts with an automatic locking retractor (See Image E)
- 3) Combination shoulder-lap belt with locking latch plate or sliding latch plate
(See Image F) ●



F

Need Help Securing Your Toddler Car Seat?

The following sources can be of assistance in checking whether your child restraint system is properly installed:

- a) Contact Orbit Baby at support@orbitbaby.com or 1-877-672-2229
- b) Your vehicle dealer may help you locate a child safety seat inspection station in your area.
- c) Call 1-866-SEAT CHECK (1-866-732-8243).
- d) Visit www.nhtsa.dot.gov and select "Child Seat Inspections."
- e) Visit www.seatcheck.org.
- f) Contact a certified child passenger safety technician in your area. ●

Choosing Between the Orbit Base and the Included Braces	34
Terms You Need to Know	36
Installation on the Orbit Base	37
Attaching the Braces to the Seat, Rear-Facing Only	41
Installation with Braces & LATCH System (without Orbit Base)	45
Installation with Braces & Vehicle Seat Belts (without Orbit Base)	49

Rear-Facing child requirements: 15-35 pounds
(all children under 1 year of age MUST stay Rear-Facing)

NOTE: Safety technicians recommend keeping your child in a Rear-Facing position for as long as possible.

The Right Position for Your Child's Weight & Height: see pgs 14-15

Part 1: Choose a seat location in your car.

Seat Positions & Vehicle Restraint Options: see pgs 17-26



WARNING

Do not install the Toddler Car Seat in a vehicle seating position with a front airbag.

Part 2: Choose to install on the Orbit Base **OR**
with the included Braces

Choosing Between the Orbit Base & the Included Braces: see pgs 34-35

Option 1:
On the Orbit Base



Option 2:
With the Braces

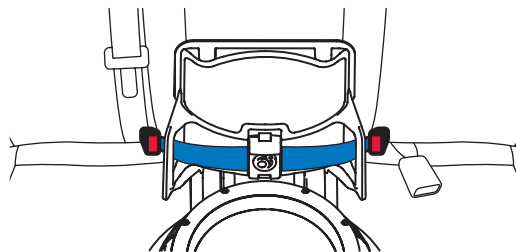


NOTE: Your Orbit Base must have a Green Circular Seal to use it with the Toddler Car Seat. See page 16 for details.

Install on the Orbit Base.

Part 3A: Install the Base.

See your Orbit Base Manual.



Part 4A: Dock the Toddler Car Seat.

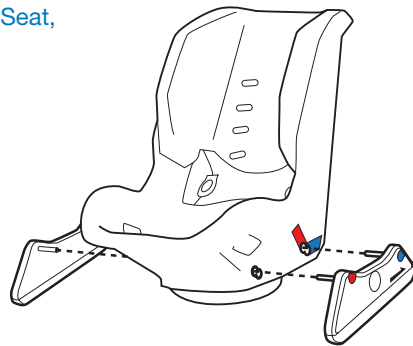
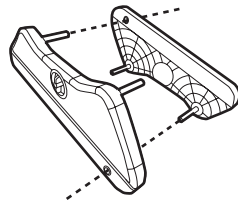
Installation on the Orbit Base:
see pgs 37-40



OR Install with the included Braces.

Part 3B: Attach the Braces, Rear-Facing.

Attaching the Braces to the Seat,
Rear-Facing: see pgs 41-44

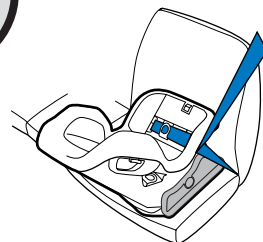
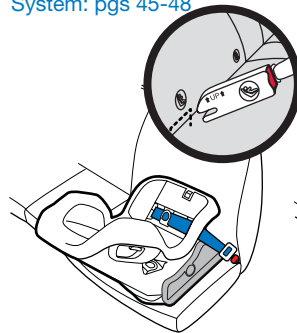


Part 4B: Install the Toddler Car Seat with the Braces.

Braces and LATCH
System: pgs 45-48

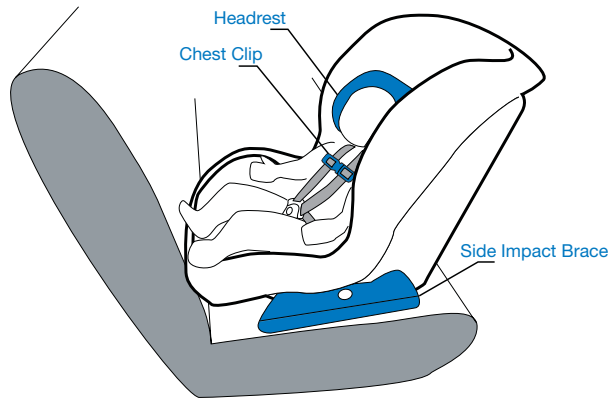
Braces and Shoulder-Lap
Style Seat Belts: pgs 49-51

Braces and Lap Style
Seat Belts: pgs 52-54



Part 5: Check the fit of your child.

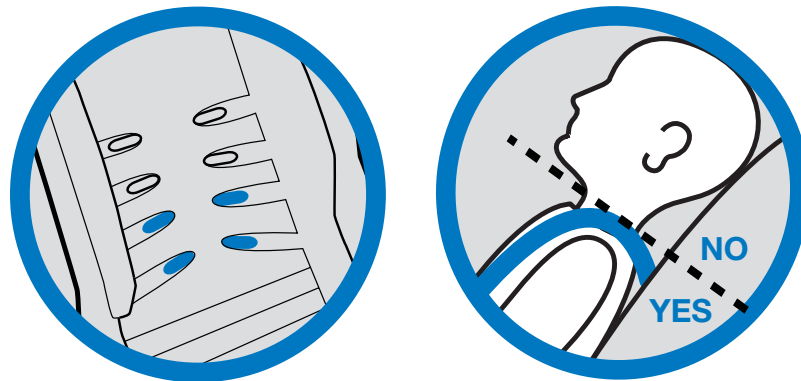
Adjusting the Restraint Harness to Fit Your Child: see pgs 80-87



Discontinue Rear-Facing use and use Forward-Facing when the child is uncomfortable, or the child exceeds 35 pounds and at least one year old.

Part 6: Adjust the Restraint Harness.

Adjust the Restraint Harness to Fit Your Child: see pgs 80-87



Only use the two lowest sets of harness slots for Rear-Facing installations. Harness slots must be at or below the child's shoulders.

Choosing Between the Orbit Base and the Included Braces

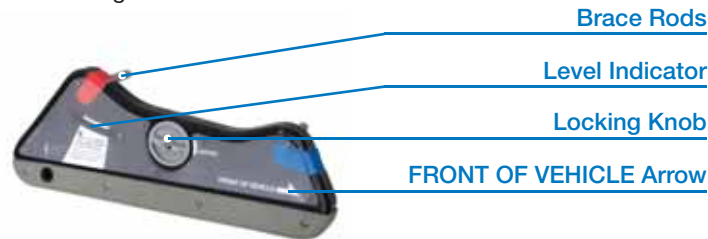
Option 1: Installation on the Orbit Base. You may have the Orbit Base that was included in your Orbit Infant System, or you can purchase one separately. The Orbit Base allows convenience and easy Rear-Facing installation.

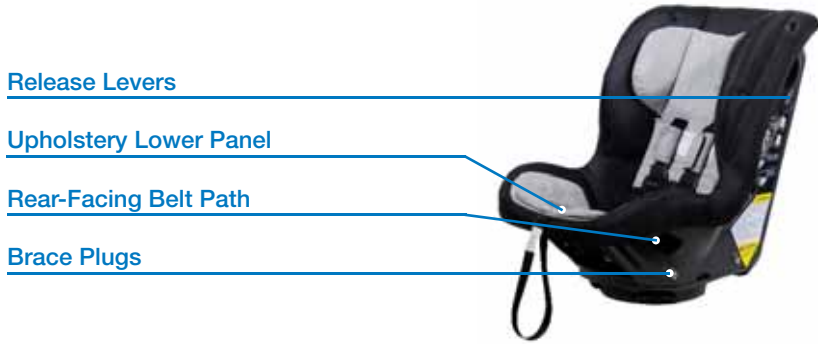


Important Notice: The Orbit Base has been updated to extend its usage for the Toddler Car Seat. If your Orbit Base label has the Green Circular Seal to the right, it can be used with both the Toddler Car Seat and the Infant Car Seat. If your Orbit Base was manufactured before 02/2008, you must make sure it is updated before using it with the Toddler Car Seat. You can do so by contacting Orbit Baby or by visiting www.orbitbaby.com/support/upgrade. All Bases can be used with the Infant Car Seat.



Option 2: Installation with the Side Impact Braces™. If you do not own an Orbit Base, or are traveling without your Orbit Base, the Toddler Car Seat must be installed using the Braces. They can be attached and detached from the Toddler Car Seat easily, and can be stored in the included Brace Bag.



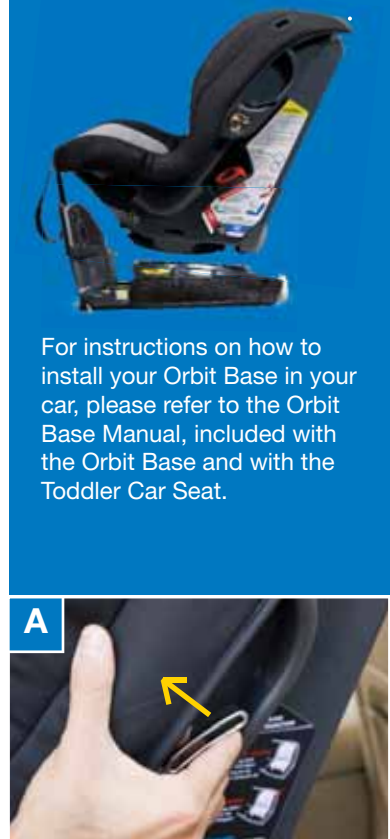


⚠ WARNING ⚠
When Using the Orbit Base

Never operate your vehicle unless the Toddler Car Seat is LOCKED into the Rear-Facing position. Check both Rotation Indicators on the Base. If either Rotation Indicator is red, re-secure the Toddler Car Seat to properly lock into the Base.

When a Release Lever on the Toddler Car Seat is pulled, the Toddler Car Seat is not secured properly to the Base (see Photo A).

PINCH HAZARD: When installing the Toddler Car Seat on the Orbit Base, make sure all fingers and hands are clear of the SmartHub area.



For instructions on how to install your Orbit Base in your car, please refer to the Orbit Base Manual, included with the Orbit Base and with the Toddler Car Seat.



Docking the Toddler Car Seat on the Orbit Base

Securing the Toddler Car Seat to the Base requires first lowering the Toddler Car Seat to snap into the SmartHub™, then rotating the Toddler Car Seat to lock into the Rear-Facing Position.

1. Make sure the top of the Base and SmartHub are clear of objects before docking the Toddler Car Seat.
2. Grasp the Toddler Car Seat firmly (Photo B). Dock the bottom of the Toddler Car Seat into the circular SmartHub of the Base until you hear and feel a **CLICK** (Photo C).

For increased comfort and ease of use, the Toddler Car Seat can be docked from almost any angle onto the Base.

3. Rotate the Toddler Car Seat until you hear and feel another **CLICK** as it locks into the Rear-Facing position (Photo D). The Toddler Car Seat will only lock when

rotated into the Rear-Facing position. Note that it will only lock when the Release Levers are not pulled.

4. When locked into the Rear-Facing position, make sure the Toddler Car Seat does not touch the back of the seat in front of it (Photo E).
5. **CHECK** the locked position by looking at the Rotation Indicators on the Base (Photo F). If they are fully red, then re-dock the carseat.

NOTE: A small amount of rotational movement is normal, but the carseat should not pull off of the Base.

If the Rotation Indicators are fully red with every docking attempt, check to make sure your Orbit Base is upgraded for Toddler Car Seat use. See page 16 for details.





6. Do a final **CHECK** each time you re-dock: pull the Toddler Car Seat in several directions (Photo H) to be certain it is locked. It should not rotate out of the Rear-Facing position. If it does, remove the carseat and contact Orbit Baby.

To rotate and remove the Toddler Car Seat from the Base:

1. Squeeze one or both Release Levers upward (Photo I). As you squeeze the Release Levers, the Hub Locks retract and the Toddler Car Seat can be rotated.
2. Squeeze the Release Levers fully to lift the Toddler Car Seat out of the Base while grasping the seat securely with both hands (Photo J). ●

⚠ WARNING ⚠
Death or Serious Injury Can Occur

FALL HAZARD: Grasp the Toddler Car Seat firmly by sides and seat front when lifting. **PINCH HAZARD:** Clear your child's fingers and hands from the Side Handle area.

Attaching the Braces to the Seat, Rear-Facing Only

The Braces are two supports (left and right) that ensure a stable and secure installation of the Toddler Car Seat when installed in the car without the Orbit Base. They come in a small bag, the Brace Bag, inside the box with your carseat (Photo K).

⚠ WARNING ⚠

Never use the Toddler Car Seat without either the Braces or the Orbit Base. If you have misplaced the Braces, visit: www.orbitbaby.com/support or call 1-877-ORB-BABY (1-877-672-2229).

Before starting the installation, remove the Braces from the Brace Bag and pull the Braces apart so they are ready to be installed.

On each side of the Toddler Car Seat, you will see two Brace Plugs - small grey, figure-8 shapes. Each Plug has an opening that will accept one of the metal rods extending from the Brace (Photo L).





M

Attaching the Braces to the Seat, Rear-Facing Only **cont'd**

1. Ensure that the Locking Knob on each Brace is turned to UNLOCKED. (Photo M). Push in and turn to change position of locking knob.
2. Position each Brace on the appropriate side of the carseat for Rear-Facing use: Make sure that the BLUE strip on the Brace is aligned with the BLUE Rear Facing strip at the back of the carseat, and that the FRONT OF VEHICLE arrow will face the front of your vehicle (Photo N).



N

3. Slide both Brace Rods evenly into the Brace Plug openings in the shell until the Brace is fully docked and you cannot see the Brace Rods anymore (Photos O and P).



O

5. To lock the Brace, first push the Locking Knob in, then turn (Photo Q). Tug on the Brace to ensure that it is locked in position.

NOTE: A small amount of movement is normal, but the Brace should not pull off.

6. Install the remaining Brace on the other side of the Toddler Car Seat by following steps 1-5.

NOTE: The Toddler Car Seat can still be used on the Orbit Stroller when the Braces are installed. Place the Toddler Car Seat either Forward- or Rear-Facing.

However, the Braces prevent the Toddler Car Seat from fully rotating on the Stroller. To restore full rotation on the Orbit Stroller, remove the Braces and store them in the Cargo Pod.

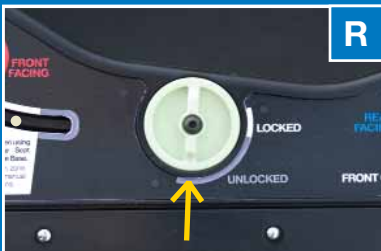
NOTE: The Toddler Car Seat cannot dock onto the Orbit Base when the Braces are attached. ●



P



Q



R

Removing the Braces

1. Remove the Toddler Car Seat from your car or have the Toddler Car Seat docked securely either directly Forward- or Rear-Facing on the Orbit Stroller.
2. Turn the Locking Knob on the Brace to the UNLOCKED position by first pushing it in, then turning (Photo R).
3. Pull out evenly on both sides of the Brace until the Brace Rods disengage completely from the shell (Photo S).
4. By rotating one Brace around, you can dock the Braces together in their storage position (Photo T). Replace the Braces in their Brace Bag. Store them in a safe place, or in the Cargo Pod of your Orbit Stroller for later use. ●



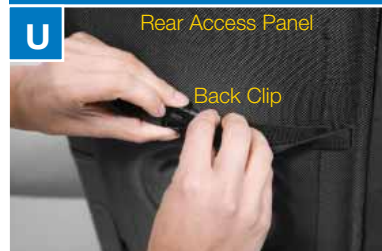
S



T

Installation with Braces & LATCH System (without Orbit Base)

1. Attach the Braces in a Rear-Facing position: see pages 41-43.
2. To access the LATCH Belt, open the Rear Access Panel by unclipping the Back Clip (Photo U).
3. Remove the LATCH connectors from their pockets (Photo V). The LATCH Belt is permanently attached to the Toddler Car Seat by the LATCH Leash.
4. For ease of installation, lengthen the LATCH belt by pressing the grey pushbutton adjuster on the buckle and pulling on the belt.
5. When closing the Rear Access Panel, look for the notches on the sides near the bottom of the Panel (photo W). Position the LATCH Leash in either notch so that the panel closes. Close the clip on the back of the Rear Access Panel to secure.



U



V



W



A

Installation with Braces & LATCH System (without Orbit Base) **cont'd**

6. Position the car seat Rear-Facing on the vehicle seat. The child seat should face the rear of the vehicle. The FRONT OF VEHICLE arrow on the Braces should point to the front of your vehicle.

7. Open the Upholstery Lower Panel marked by the Blue Dot.

8. Fully open both arms of the blue Belt Lock-Off Clamp that will be closest to the center of the vehicle in the final installation (Photo A).

NOTE: If installing the seat in the center position, open either Clamp. Only one Clamp is needed for a secure installation.

9. Feed the LATCH Belt through the Rear Facing Belt Path in the shell and the open Blue Lock-Off Clamp. Ensure that the pictogram on the LATCH connectors face the outside of the vehicle (Photo B). Center the yellow stitch line of the LATCH Belt on the carseat shell (Photo C).



B



C



D

10. Secure the open Blue Lock-Off Clamp firmly upon the LATCH belt by flipping the two Clamp arms down over the belt and locking them in place. (Listen for a **CLICK**) (Photo D).

11. Buckle both LATCH Connectors by pushing onto the vehicle lower anchorage on each sides of the car seat. Pull to be sure they are locked to the vehicle's anchorage point (Photo E).

12. To tighten LATCH belt around carseat, push down on the seat and pull the loops at the ends of the lower anchor belt (Photo F).

13. **CHECK** that the installation stays securely tightened by tugging and pulling the Toddler Car Seat in various directions. The Toddler Car Seat should not move by more than 1 inch in any direction. If it is loose, push down on the seat and pull the LATCH belts tighter. If the seat is still loose, remove and re-install it beginning at Step 7.



E



F



G

Installation with Braces & LATCH System (without Orbit Base) **cont'd**

14. **CHECK** that the Toddler Car Seat is level by looking at the Level Indicator on the Brace (Photo G). If the seat is not level, remove the seat and re-install it by repeating Steps 2 to 13.

15. If the Toddler Car Seat cannot be secured tightly and level, try any of the following:

- Try installing the Toddler Car Seat in a different seating position.
- Remove the seat. Position a rolled towel underneath it (Photo H), and repeat Steps 2 to 13.
- Seek assistance from one of the resources in the “Need Help Securing Your Toddler Car Seat and Base?” section (page 27).

NOTE: The Toddler Car Seat must be level to prevent ejection of your child. Do not use until properly installed. ●



H



I

Installation with Braces, Shoulder-Lap Seat Belts (without Orbit Base)

- Attach the Braces in a Rear-Facing position: see pages 41-43.
- Position the carseat Rear-Facing on the vehicle seat. The child seat should face the rear of the vehicle. The FRONT OF VEHICLE arrow on the Braces should point to the front of the vehicle (Photo I).
- Open the Upholstery Lower Panel marked by the Blue Dot (Photo J).
- Fully open both arms of the blue Belt Lock-Off Clamp that is on the side closest to the center of your vehicle. (Photo K). Only one clamp is needed for a secure installation.
- Position both the shoulder and lap portions of the belt through the Rear-Facing Belt path openings in the shell (Photo L) and the open Blue Lock-Off Clamp and buckle the seat belt buckle.



J



K



L

Installation with Braces & Shoulder-Lap Seat Belts (without Orbit Base) **cont'd**

6. Push down, and pull sideways on the shoulder portion of the belt to tighten seat belt around the child restraint.
 7. When tight, push down both arms of the open Blue Clamp firmly until it locks (Listen for a **CLICK**) (Photo M).
 8. If your car is model year 2000 or newer, it probably has vehicle seat belts with Auto Retraction Mode (consult your vehicle manual). If this is the case, pull the shoulder belt out to its fullest extent to engage the vehicle belt in Auto Retraction Mode. You should hear a low clicking as you feed it back into the car.
 9. CHECK that the installation is secure by tugging and pulling the Toddler Car Seat near the belt path in various directions – the Toddler Car Seat should not move more than 1 inch in any direction. If it is loose, remove and re-install it beginning at Step 3.
 10. Check that the Toddler Car Seat is level by looking at the Level Indicator on the Brace (Photo N). If the seat is not level, remove the seat and reinstall by repeating Steps 3 to 8. If the Toddler Car Seat cannot be secured tightly and leveled, try any of the following:
 - a) Try installing the Toddler Car Seat in a different seating position.
 - b) Remove the seat. Position a rolled towel underneath it (Photo O) and repeat Steps 2 to 8.
 - c) Seek assistance from one of the resources in the “Need Help Securing Your Toddler Car Seat and Base?” (Page 27).
- NOTE: The Toddler Car Seat must be properly level to prevent ejection. Do not use until properly installed.**
11. Close the Upholstery Lower Panel. ●





P

Installation with Braces & Lap Style Vehicle Seat Belts (without Orbit Base)

1. Attach the Braces in a Rear-Facing position: See pages 41-43.
2. Position the Toddler Car Seat Rear-Facing on the seat. The child seat should face the rear of the vehicle. The FRONT OF VEHICLE arrow on the Braces should point to the front of your vehicle.
3. Open the Upholstery Lower Panel marked by the Blue Dot (Photo P).
4. Open both arms of the blue Belt Lock-Off Clamp that will be closest to the center of the vehicle in the final installation (Photo Q).



Q



R

NOTE: If installing the seat in the center position, open either Clamp. Only one clamp is needed for a secure installation.

5. Position the vehicle seat belt through the openings in the shell and the open Blue Lock-Off Clamp as shown and buckle the seat belt buckle (Photo R).
6. Push down on the carseat and press down as you pull on the Lap Belt to tighten it around the child restraint (Photo S).
7. When tight, push down both arms of the open Blue Lock-Off Clamp firmly until it locks (Listen for a **CLICK**) (Photo T).
8. **CHECK** that the installation is secure by tugging and pulling the Toddler Car Seat in near the belt path. The Toddler Car Seat should not move more than 1 inch in any direction. If it is loose, push down on the seat and pull the lap belt tighter. If it is still loose, remove and re-install it, beginning at Step 3.
9. Check that the Toddler Car Seat is level by looking at the Level Indicator on the Brace (Photo U).



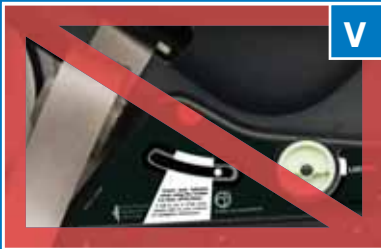
S



T



U



V

Installation with Braces & Lap Style Vehicle Seat Belts (without Orbit Base) **cont'd**

10. If the seat is not level (Photo V), remove the seat and reinstall by repeating steps 3 to 9. If the Toddler Car Seat cannot be secured tightly and leveled, try any of the following:

- a) Try installing the Toddler Car seat in a different seating position
- b) Remove the seat. Position a rolled towel underneath it (Photo W) and repeat steps 2 to 9.
- c) Seek assistance from one of the resources in the “Need Help Securing Your Toddler Car Seat and Base?” (page 27).

11. Close the Upholstery Lower Panel.

NOTE: The Toddler Car Seat must be properly reclined to prevent ejection. Do not use until properly installed. ●



W

Forward-Facing Installation

Attaching the Braces to the Seat, Forward-Facing	62
Installation with Braces & LATCH System (without Orbit Base)	65
Installation with Braces & Vehicle Seat Belts (without Orbit Base)	68
Top Tether Installation	72

Forward-Facing child requirements:

- 20-50 pounds, AND
- under 49 inches, AND
- older than 1 year

In the Forward-Facing orientation, the Toddler Car Seat must be used with the included Braces. It is not possible to dock the Toddler Car Seat onto the Orbit Base Forward-Facing.

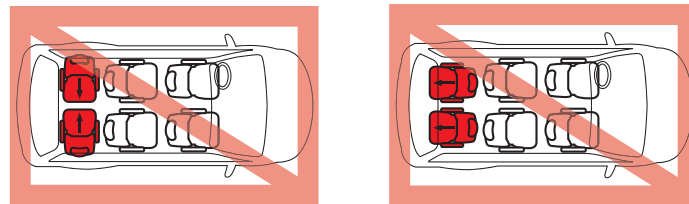
The Right Position for Your Child's Weight & Height: see pgs 14-15

Guide to Forward-Facing Installation Instructions

Read the indicated pages for instructions

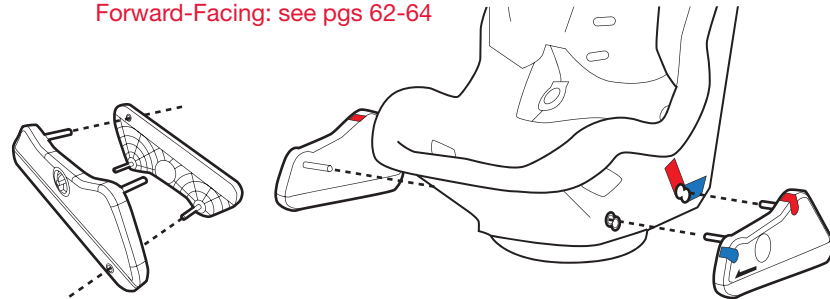
Part 1: Choose a position in your car.

Seat Positions & Vehicle Restraint Options: see pgs 17-26



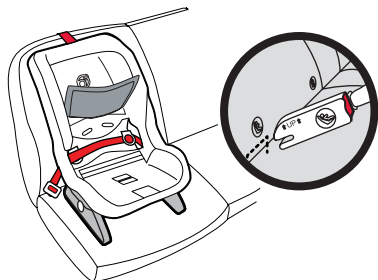
Part 2: Attach the Braces, Forward-Facing

Attaching the Braces to the Seat, Forward-Facing: see pgs 62-64



Part 3: Install the Toddler Car Seat in your car.

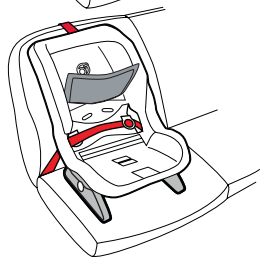
Installation with Braces & LATCH System (without Orbit Base): see pgs 65-67



Installation with Braces & Shoulder-Lap Style Seat Belts (without Orbit Base): see pgs 68-69



Installation with Braces & Lap Style Seat Belts (without Orbit Base): see pgs 70-71



Part 4: Attach the Top Tether.

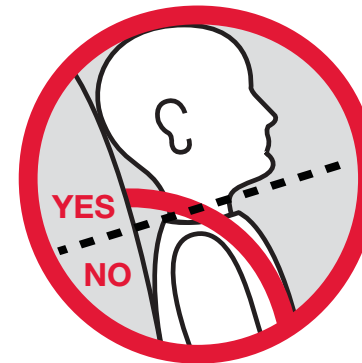
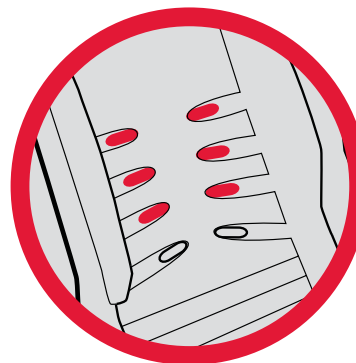
Top Tether Installation: see pgs 72-73

Always attach the Top Tether if possible. Attach the Top Tether over the back of the vehicle seat to an approved anchorage point.



Part 5: Adjust the Restraint Harness

Adjust the Restraint Harness to Fit Your Child: see pgs 80-87

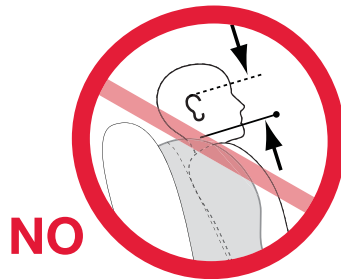
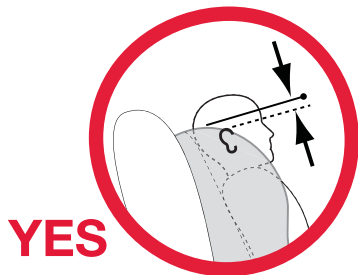
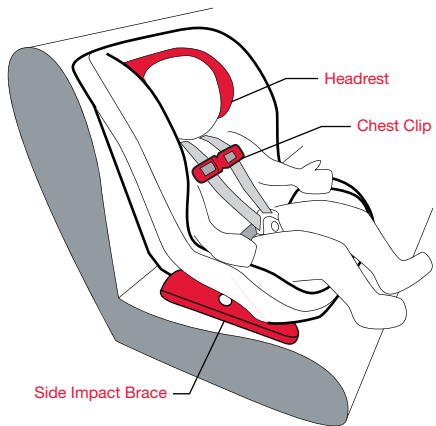


Only use the three higher sets of harness slots for Forward-Facing installations. Harness slots must be at or above the child's shoulders.

Part 6: Check the fit of your child.

Buckling the Restraint Harness: see pgs 76-79

Adjusting the Restraint Harness to Fit Your Child: see pgs 80-87



The Forward-Facing configuration may be used with children weighing between 20 and 50 pounds, under 49 inches tall, and over 1 year of age. Discontinue use when the child's ears are visible over the top of the child restraint.

Terms You Need to Know





A

Attaching the Braces to the Seat, Forward-Facing

The Braces are two supports (left and right) that ensure a stable and secure installation of the Toddler Car Seat when installed in the car Forward-Facing (without the Orbit Base). They come in a small bag, the Brace Bag (Photo A), inside the box with your Toddler Car Seat.



B

If you have misplaced the Braces, visit www.orbitbaby.com/support or call 1-877-ORB-BABY (1-877-672-2229) for replacements.

Remove the Braces from the Brace Bag and pull the Braces apart so they are ready to be installed.

On each side of the Toddler Car Seat, you will see two Brace Plugs - small grey, figure-8 shapes. Each Plug has an opening that will accept one of the metal rods extending from the Brace (Photo B).

1. Ensure that the Locking Knob on each Brace is turned to UNLOCKED. (Photo C).



C

3. Position each Brace on the appropriate side of the carseat: Make sure that the RED strip on the Brace matches the RED Forward-Facing strip on the label near the back of the carseat, and that the FRONT OF VEHICLE arrow will face the front of your vehicle (Photo D).
4. Slide both Brace Rods evenly into the Brace Plug openings in the shell until the Brace is fully docked and you cannot see the Brace Rods anymore (Photo E).
5. Turn the Locking Knob to lock the Brace in place by first pushing it in, then turning (Photo F). Tug on the Brace to ensure that it is locked in position.

A small amount of movement is normal, but the Brace should not pull off.

6. Install the remaining Brace on the other side of the Toddler Car Seat by following steps 1-5.



D



E



F



G

The Toddler Car Seat can still be used on the Orbit Stroller when the Braces are installed. Place the Toddler Car Seat either Forward- or Rear-Facing. To restore full rotation on the Orbit Stroller, remove the Braces and store in the Cargo Pod. ●



H

Removing the Braces

1. Uninstall the Toddler Car Seat from your car.
2. Turn the Locking Knob on the Brace to UNLOCKED by first pushing it in, then turning (Photo G).
3. Pull out evenly on both sides of the Brace until the Brace Rods disengage completely from the shell (Photo H).
4. By rotating one Brace around, you can dock the Braces together in their storage position (Photo I). Replace the Braces in their Brace Bag and store in the Cargo Pod of your Orbit Stroller for later use. ●



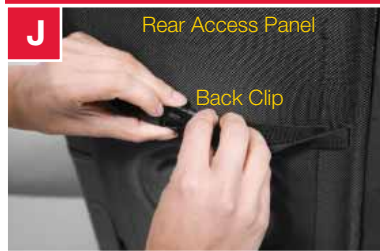
I

Installation with Braces & LATCH System (without Orbit Base)

⚠ WARNING ⚠

Refer to your vehicle manual for the maximum weight rating of its lower LATCH anchors. Unless a higher weight is specified by the vehicle manufacturer, only install with LATCH anchors until your child reaches 40 lbs.

1. Install the Braces onto the Toddler Car Seat, Forward-Facing: See pages 62-63.
2. Open the Rear Access Panel by unclipping the Back Clip (Photo J).
3. Remove the LATCH connectors from their pockets (Photo K). You will notice the connectors are permanently attached to the Toddler Car Seat. If you will be attaching the Top Tether later (refer to Page 72), unclip and remove the Tether Hook from the secured ring (Photo L).
4. Extend the LATCH belt by pressing the buckle's grey pushbutton adjuster and pulling on the belt.



J



K



L



M

Installation with Braces & LATCH System (without Orbit Base) **cont'd**

5. When closing the Rear Access Panel, look for the notches near the bottom of the Panel. Position the LATCH Leash in either notch so that the panel closes; fully pull the Tether Strap out of the pocket (Photo M). Secure the Rear Access Panel with the clip.



N

6. Position the carseat Forward-Facing on the vehicle seat. The carseat faces the front of the vehicle and the FRONT OF VEHICLE arrow on the Braces points to the front of your vehicle. If using the Top Tether, drape it over the rear of the vehicle seat; it will be secured later.

7. Unbuckle the Restraint Harness on the seat. Lift the Upper Upholstery Panel marked by the Red Dot (Photo N). It will stay out of the way by wedging it into the sides of the Upholstery (Photo O).

8. Open both arms of the red Belt Lock-Off Clamp closest to the center of the vehicle (Photo P).

9. Feed the LATCH belt through the



O

Forward-Facing Belt Path in the shell and the Clamp. Ensure that the LATCH connectors face the outside of the vehicle (Photo Q). Center the yellow stitching across the carseat (Photo R).

10. Secure the open Red Belt Lock-Off Clamp firmly upon the LATCH belt by flipping the two arms down over the belt and locking them in place.

11. Buckle both LATCH Connectors into the vehicle anchors on each side of the carseat. Pull to be sure they are locked to the vehicle's anchorage points.

12. To tighten LATCH belt around carseat, push down on the seat and pull the loops at the ends of the lower anchor belt.

13. CHECK that the installation is secure by tugging and pulling the carseat near the belt path. The Toddler Car Seat should not move more than 1 inch in any direction. If it is loose, tighten the LATCH belts or reinstall from Step 6.

14. Close the Upper Upholstery Panel and install the Top Tether: See pages 72-73. ●



P



Q



R



A



B



C

Installation with Braces & Shoulder-Lap Seat Belts (without Orbit Base)

1. Install Orbit Toddler Car Seat Braces, Forward-Facing: See pages 62-63.
2. If you will be attaching the Tether later (refer to page 72), open the Rear Access Panel and unclip the Tether Hook from the secured ring (Photo A). Pull the Tether Strap out fully and secure the Rear Access Panel with the back clip.
3. Position the Toddler Car Seat on the vehicle seat. The seat, as well as the FRONT OF VEHICLE arrow on the Braces, should face front. If using the Top Tether, drape it over the rear of the vehicle seat.
4. Lift the Upper Upholstery Panel marked by a Red Dot (Photo B). You can keep it out of the way by wedging it into the sides of the Upholstery.
5. Open both arms of both Red Belt Lock-Off Clamps (Photo C). Pull the seat belt through the Forward-Facing Belt Path in the seat shell (Photo D).
6. Position only the lap portion of the seat

belt in the first clamp you pass (Photo E), then position both the shoulder and lap belts through second clamp (Photo F). Two magnets on the shell help hold the vehicle seat belt's tongue in place for your convenience. Buckle the belt.

7. If your car is model year 2000 or newer, it probably has vehicle seat belts with Auto Retraction Mode (consult your vehicle manual). If this is the case, pull the shoulder belt all the way out to its fullest extent to engage the vehicle belt in Auto Retraction Mode. You should hear a low clicking as you feed it back into the car.
8. Push down on the seat and pull sideways on the shoulder portion of the belt to tighten the seat belt.
9. When the belt is tight, push down both arms of both Red Belt Lock-Off Clamps firmly until they lock (listen for a **CLICK**).
10. CHECK that the installation is secure by tugging the Toddler Car Seat near the belt path. It should not move more than 1 inch in any direction. If the Toddler Car Seat is loose, re-install from Step 3.
11. Close the Upper Upholstery Panel and install the Top Tether: See pages 72-73. ●



D



E



F



M

Installation with Braces & Lap Style Seat Belts (without Orbit Base)

1. Install Orbit Toddler Car Seat Braces, Forward-Facing: See pages 62-63.
2. If you will be attaching the Tether later (refer to page 72), open the Rear Access Panel and unclip the Tether Hook from the secured ring (Photo M). Pull it all the way out and secure the Rear Access Panel with the black back clip.
3. Position the Toddler Car Seat Forward-Facing on the vehicle seat. The seat, as well as the FRONT OF VEHICLE arrow on the Braces, should face front. If using the Top Tether, drape it over the back of the vehicle seat to use later.
4. Unbuckle the Restraint Harness. Open the Upper Upholstery Panel marked by the Red Dot (Photo N). You can keep it out of the way by wedging it into the sides of the Upholstery.
5. Open both arms of the red Belt Lock-



N



O

Off Clamp closest to the center of the vehicle (Photo P).

6. Position the belt through the Forward-Facing Belt Path in the shell and the open Red Belt Lock-Off Clamp (Photo P). Two round magnets on the shell help keep the seat belt's tongue in place for convenience. Buckle the seat belt.
7. Push down on the carseat and pull upwards on the free end of the lap belt to tighten it around the Toddler Car Seat (Photo Q).
8. When tight, push down both arms of the open Belt Lock-Off Clamp firmly until they lock (Photo R) (Listen for a **CLICK**).
9. CHECK that the installation is secure by tugging on the Toddler Car Seat near the belt path. The Toddler Car Seat should not move more than 1 inch in any direction. If it is loose, push down on the seat and tighten the seat belt. If it is still loose, remove and re-install.
10. Close the Upper Upholstery Panel and install the Top Tether: See pages 72-73. ●



P



Q



R



S

Top Tether Installation

Orbit recommends using the Tether at all times while Forward-Facing if you have a LATCH Tether anchorage in your car; using the Tether will improve the stability of the child restraint and will reduce risk of injury.

The Tether should only be used when the child restraint is Forward-Facing. The Tether should only be anchored to approved Anchorage points, some tether anchors are identified by a tether anchor symbol (Photo S); check your vehicle owner's manual for locations and more information. Older cars may not have Tether Anchorage points. The Toddler Car Seat should be fully installed BEFORE attaching the Tether.

1. If the Tether is not already unclipped and fully out of the Rear Access Panel, open the Panel and unclip the Tether Hook from the plastic D-ring (Photo T).
2. Close the Panel with the Tether Strap extending out from its slot (Photo U).
3. Determine the shortest path from the child restraint to the Tether Anchorage.



T



U

This may involve raising the headrest so the Tether belt travels directly over the top of the seat (Photo V).

4. Clip the Tether Hook to the Tether Anchorage (Photo W). For more slack, push down on the grey pushbutton adjuster and loosen the strap.
5. Once the Tether Hook is clipped, pull on the adjuster loop to remove all slack from the Tether (Photo X).
6. Verify that the Tether is tight by pulling forward on the top of the child restraint. It should not move more than one inch.
7. To remove the Tether, push in on the Tether buckle's grey pushbutton adjuster and loosen the Tether.
8. Unclip the Tether hook and replace it in the Rear Access Panel. Clip it to the secured D-ring and store excess webbing in the pocket inside the Rear Access Panel.

Note: if the Tether is not being used, store in the Rear Access Panel. ●



V



W



X

Buckling the Restraint Harness	76
Adjusting the Restraint Harness to Fit Your Child	80

Adjustable Headrest

Shoulder Pads

Chest Clip

Restraint Harness

Crotch Buckle

Crotch Pad

Adjuster Strap





A



B



C

Buckling the Restraint Harness

⚠ WARNING ⚠
Death or Serious Injury Can Occur

Failure to properly fit the Restraint Harness for your child's size increases the risk of serious injury or death in the event of a sharp turn, sudden stop or crash.

The Restraint Harness must be properly adjusted to fit your child according to the instructions in this section.

PINCH HAZARD: make sure all fingers and hands are free from Chest Clip, Crotch Buckle, and Buckle Tongues, when buckling.

1. Open the Restraint Harness by squeezing both sides of the Chest Clip as shown (Photo A).

2. Unbuckle both Buckle Tongues by pushing the Red button on the Crotch Buckle (Photo B).
3. To hold the harness out of the way, secure the Restraint Harness to the sides with the side hook-and-loop fastener dots (Photo C). Place your child into the Toddler Car Seat, making sure both back and bottom are fully supported by the seating surfaces.
4. Position the Restraint Harness around the child's shoulders and thighs.
5. **CHECK** that there are no twists in the Restraint Harness. **CLICK** the Chest Clip pieces together and position the Chest Clip at armpit level, as shown (Photo D).

6. Insert both Buckle Tongues into the Crotch Buckle (Photo E). You should hear and feel a **CLICK** as each Buckle Tongue is inserted into the Crotch Buckle.



D



E



F



G



H



I

Buckling the Restraint Harness **cont'd**

7. Pull up on the Crotch Buckle and the Shoulder Straps to **CHECK** they are secure (Photo F). **DO NOT** use the Toddler Car Seat if the Restraint Harness does not feel secure, and contact Orbit Baby.
8. To tighten the lap section of the Restraint Harness, gently pull up on the Shoulder Straps (Photo G).
9. To tighten the Shoulder Straps, slowly pull the Adjuster Strap that hangs from the front of the carseat, adjusting the Restraint Harness snugly against the child (Photo H).
11. **CHECK** again that the Restraint Harness straps are not twisted.
12. **CHECK** that the Restraint Harness is snug on shoulders and thighs (Photo I). A snug strap should not allow any slack. The straps should lie in relatively straight lines without sagging. They should not press on the child's flesh or push the child's body into an unnatural position.

13. Proceed to page 80, "Adjust the Restraint Harness to Fit Your Child," to determine whether your child fits in the Restraint Harness properly and to adjust if necessary. ●

To remove your child from the Toddler Car Seat:

1. Loosen the Restraint Harness by pressing and holding the Adjuster Strap Lock, while pulling up on the shoulder straps (Photo J).
2. Open the Chest Clip by squeezing the Tabs and separating the two halves (Photo K).
3. Unbuckle the Crotch Buckle by pressing the Red button (Photo L).
3. For convenience, secure the Restraint Harness to the sides with the side hook-and-loop fastener dots and remove your child. ●



J



K



L



A



B

Adjusting the Restraint Harness to Fit Your Child

⚠ WARNING ⚠

Death or Serious Injury Can Occur

Failure to properly fit the Restraint Harness for your child's size increases the risk of serious injury or death in the event of a sharp turn, sudden stop or crash.

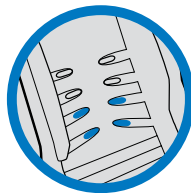
The Restraint Harness must be properly adjusted to fit your child according to the instructions in this section.

It is important to check the fit of the Restraint Harness periodically and as your child grows. The straps must be properly positioned on your child's shoulders and thighs (Photo B).

1. Adjusting the Shoulder Strap Height:

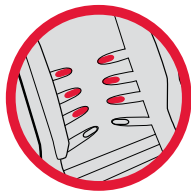
For Rear-Facing Installations:

Only use the two lowest sets of harness slots. Harness slots must be at or below the child's shoulders (see Photo C and illustration below).



For Forward-Facing Installations:

Only use the three higher sets of harness slots. Harness slots must be at or above the child's shoulders (see Photo D and illustration below).



C



D

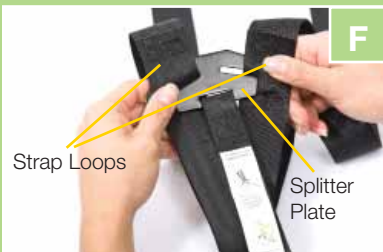




E

Adjusting the Restraint Harness to Fit Your Child **cont'd**

- Loosen the Restraint Harness by pulling on the Shoulder Straps while pressing the Adjuster Strap Lock (Photo E).
- Open the Rear Access Panel and pull on the restraint harness from the front to pull the Splitter Plate up, along with the strap loops.
- Unhook each shoulder strap loop from the metal Splitter Plate (Photo F).
- From the front of the Toddler Car Seat, pull the shoulder straps out from their slots and re-thread each shoulder strap through the correct corresponding upholstery slots and plastic shell slots (Photo G).



F

Strap Loops

Splitter Plate



G

CHECK that each shoulder strap is threaded into slots at the same height and that neither shoulder strap is twisted.

- Turn to the back of the Toddler Car Seat again and secure each shoulder strap loop entirely onto the Splitter Plate as shown (Photo H).



H

- CHECK** that the straps are secured by pulling on the shoulder straps from the front.
- CHECK** that the upholstery around the shoulder strap slots do not interfere with the free movement of the Restraint Harness.
- Close the Rear Access Panel and secure all Upholstery.

2. Adjusting the Shoulder Strap Length

The Adjuster Strap Lock is located under Lower Upholstery Panel at the very front of the bottom of the seat where the hanging Adjuster Strap is attached (Photo I).

- To loosen the Shoulder Straps, pull on both sides of the Shoulder Straps while pressing down on the Adjuster Strap Lock (Photo E).
- To tighten the Shoulder Straps, pull on the Adjuster Strap that hangs from the front of the carseat (Photo J).



I



J



K



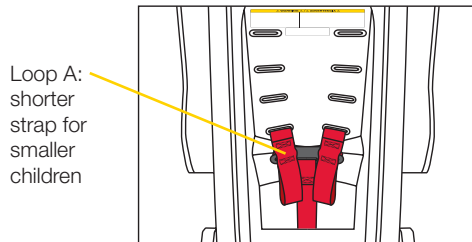
L



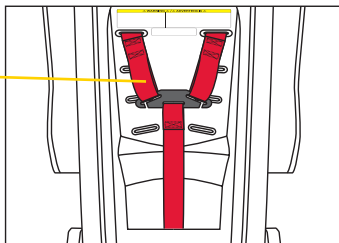
M

Adjusting the Restraint Harness to Fit Your Child **cont'd**

c) If the Shoulder Straps of the Restraint Harness are still too tight after loosening them all the way, they can be lengthened by using the alternate Strap Loops on the Splitter Plate: Access the Splitter Plate by following steps 1a) through 1c) on page 82. Use either loop setting as shown in the guide below.



Loop A:
shorter
strap for
smaller
children



Loop B:
longer
strap for
larger
children

3. Adjusting the fit of the Crotch Belt

The Crotch Buckle itself cannot be lengthened on its strap. It should fit snugly and comfortably on your child and can be moved forward as your child grows:

- Remove your child from the carseat.
- Remove the Crotch Pad from the Crotch Belt.
- Open the Upholstery Lower Panel (Photo K).
- Feed the Crotch Buckle down through the Upholstery (Photo L).
- Open the Front Access Panel underneath the carseat (Photo M).
- Find the metal plate under the shell that secures the crotch belt in its slot.
- To remove the Crotch Buckle, turn the metal plate vertical and feed it up through the shell (Photo N).



N



O



P



Adjusting the Restraint Harness to Fit Your Child **cont'd**

- h) Determine the correct slot, at or just behind the torso. Keeping the plate vertical, feed it back down into the shell in the new slot.
- i) Let go of the plate and feed the crotch buckle up through the Upholstery in the correct slot (Photo O, previous page). Pull up on Crotch Buckle to confirm it is properly secured.
- j) Close the Crotch Buckle Flap (Photo P, previous page) in the lower Upholstery and secure the Front Access Panel. ●

4. Adjusting the Adjustable Headrest

The Headrest can be adjusted to the height of your growing child.

- a) Pull the top part of the Upholstery away from the rim of the Toddler Car Seat. This will allow you to access the back of the Upholstery where the Adjustable Headrest is attached with two tabs (Photo Q).

- b) Note which Upholstery slots the two tabs are in, so that you can change their location. Then, pull these two tabs away to free the Adjustable Headrest (Photo R).
- c) Pull the Adjustable Headrest away from the Upholstery (Photo S).
- d) Feed the Headrest tabs back into the new slots, making sure that they are both threaded through slots at the same height on the Upholstery (Photo T).
- e) Press the Adjustable Headrest tabs firmly onto the corresponding hook-and-loop fasteners on the back of the Upholstery (Photo U).
- f) Replace the Upholstery by stretching it back over the top rim of the Toddler Car Seat (Photo V). ●



Traveling with Your Toddler Car Seat

Using the Toddler Car Seat on the Orbit Stroller	90
Using Your UV Sunshade	94
Using in an Aircraft	96

Terms You Need to Know





Using the Toddler Car Seat on the Orbit Stroller

⚠ WARNING ⚠

Improper handling of the Toddler Car Seat increases the risk of serious injury and death

Weight restriction for child in Toddler Car Seat on Stroller: 40 lbs.

When undocking the Toddler Car Seat from the Orbit Stroller, be sure to grasp the seat firmly by the front rim and the side handle.

Never rotate the Toddler Car Seat on the Stroller while it is in motion. Make sure the Toddler Car Seat is locked in place and stable.

Always restrain your child properly in the Toddler Car Seat when docked onto the Stroller.

Weight Restrictions

Your child must weigh 40 pounds or less to use the Toddler Car Seat on the Orbit Stroller.

The Stroller Manual

Consult the Orbit Stroller Manual for complete instructions about using and maintaining your Orbit Stroller.

LATCH Connector Storage

For Toddler car seats installed with LATCH and then transferred to the Stroller, you can store LATCH connectors in side pockets while strolling (Photo A).

Tether Storage

When transferring the Orbit Toddler Car Seat to the Stroller, always store the Tether in the Rear Access Panel so that it does not drag on the ground or become tangled in the Stroller.

Using the Stroller with Braces

The Toddler Car Seat can still be used on the Orbit Stroller when the Braces are installed (Photo B). Place the Toddler Car Seat either Forward-Facing or Rear-Facing. Note: Using the Braces will not allow full rotation of the Toddler Car Seat on the Orbit Stroller; to restore full rotation on the Orbit Stroller, remove the Braces and store them in the Cargo Pod. The Braces may be removed while the Toddler Car Seat is docked on the Stroller.

Securing Your Child on the Orbit Stroller

Secure your child into the Toddler Car Seat while docked on the Stroller by referring to the light green "Securing Your Child" section on pages 74-87.



C

Using the Toddler Car Seat on the Orbit Stroller **cont'd**

Docking the Toddler Car Seat

1. Lock the parking brakes on both wheels of the Orbit Stroller. Make sure nothing is obstructing the Stroller's SmartHub.
2. Grasp the sides of the Toddler Car Seat firmly by the front and side (Photo C).
3. Press the Toddler Car Seat firmly onto the SmartHub of the Stroller until you feel and hear a **CLICK** (Photo D).
4. CHECK the security of the docking by pulling up on the carseat.
5. Rotate the Toddler Car Seat on the Stroller until it clicks into one of the four locking positions (listen for a **CLICK**).



D

Undocking and Removing the Seat

1. Lock the parking brakes on both wheels of the Orbit Stroller.
2. Lift the carseat while squeezing one or both Release Levers (Photo E). ●



E

⚠ WARNING ⚠

Only rotate the Toddler Car Seat when the Stroller is stationary and the wheel brakes are locked.

Always fully support the carseat by firmly grasping it with both hands. To ensure full support, grasp the Toddler Car Seat with one hand on the side rim and the other on the opposite side of the front rim.

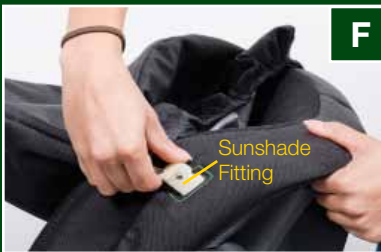
Always make sure that the seat is locked in Forward- or Rear-Facing position before strolling. Side-facing positions are for stationary use only.

PINCH HAZARD: Make sure all fingers are free of the Release Levers.

Rotating the Toddler Car Seat

1. Pull one or both Release Levers.
2. Rotate the Toddler Car Seat and let go of the Release Levers. The Toddler Car Seat will lock into the next rotational stop position (Photo D).

Note: The Toddler Car Seat will not rotate on the Stroller when the Braces are installed. To restore full rotation on the Orbit Stroller, remove the Braces and store them in the Cargo Pod. The Braces can be removed while the Toddler Car Seat is docked on the Stroller. ●



F

Using Your UV Sunshade

Your Toddler Car Seat comes with a UV Sunshade. This Sunshade can be used in the car to keep sun off your child and can also be used when the Toddler Car Seat is docked on the Orbit Stroller.

The Sunshade can easily be stored when not in use in the Rear Access Panel, **only in the pocket provided.**

⚠ WARNING ⚠

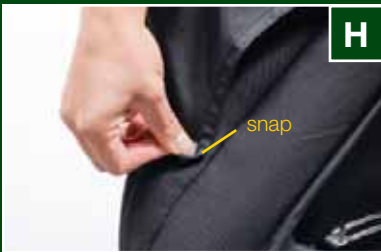
Do not lift the Toddler Car Seat by the Sunshade. The Sunshade could detach and the seat could fall, injuring your child.

To install the Sunshade on the Toddler Car Seat:

1. Insert the green plastic Fittings on the Sunshade into the slots on the shell (Photo F). Be sure to keep the silver fabric underneath, towards the child's seating area. The Fittings should softly click when fully inserted.



G



H

2. Stretch the backside of the Sunshade over the rim of the seat (Photo G).
3. Snap sides of the Sunshade onto the Upholstery snaps (Photo H).

To remove the Toddler Car Seat Sunshade:

Unsnap the sides of the Sunshade. Pull the backside of the Sunshade out from under the rim of the seat. Push each Sunshade Fitting out of its slots from the back of the shell as you squeeze the buttons on the Fittings (Photo I). Be careful as you remove the Sunshade because it will spring outwards.

To stow the Toddler Car Seat Sunshade:

1. Open the Rear Access Panel.
2. Gently fold the Sunshade in half (Photo J) and insert it into the pocket, rounded side first (Photo K). The Fittings should stick out of the top of the pocket.
3. The Sunshade must be fully inside in order to close the Rear Access Panel. ●



I



J



K

The Orbit Toddler Car Seat is certified for use in aircraft and is labeled as such. Most airlines in the U.S. and Canada will allow the use of a carseat that is labeled as an approved child restraint for aircraft use. Always contact the airline about their carseat policy before traveling, and follow their guidelines for carseat use.

Note: the Toddler Car Seat can ONLY be used with the included Braces in aircraft – it cannot be used with the Orbit Base in aircraft.

You can install the Toddler Car Seat either Rear- or Forward-Facing in an aircraft.

To secure the Toddler Car Seat Rear-Facing in an aircraft seat

Follow the instructions in the blue Rear-Facing section, “Installation with Braces & Lap Style Seat Belts (without Orbit Base),” on pages 52-54.

To secure the Toddler Car Seat Forward-Facing in an aircraft seat

Follow the instructions in the red Forward-Facing section, “Installation with Lap-Style Seat Belts (without Orbit Base),” on pages 70-71.

1. You should choose the same orientation (either Rear- or Forward-Facing) for an aircraft installation as you would use in a car for your child at that time.
2. Make sure that the aircraft seat belt can be tightly secured around the Toddler Car Seat. If the aircraft lap belt is too short, ask your flight attendant for a belt extender.

3. If installing the Toddler Car Seat Rear-Facing, it is important to ensure that the back of the carseat will not touch the back of the aircraft seat in front of you, both when the aircraft seat is upright and reclined.

4. Recline the aircraft seat back when installing the seat; then bring it back upright for an even tighter installation. ●

Tips For Traveling With Your Toddler in an Aircraft

1. Reserve a separate aircraft seat for your child and the child restraint.
2. Contact the airline in advance to be sure this child restraint complies with their specific requirements, and to check whether they will provide discounted tickets for children.
3. Bulkhead seats or Business Class seats are preferred, as they have more room in front of them.
4. Install your Toddler Car Seat in a window seat to avoid blocking the row.
5. Take advantage of pre-boarding for families with children. The extra time will help to get the seat installed tightly. ●

Maintaining Your Toddler Car Seat

Cleaning

100

Limited Customer Warranty

106

Terms You Need to Know

Sunshade

Adjustable Headrest

Side Tabs

Shoulder Strap Slots

Shoulder Pads

Shoulder Straps

Center Panel

Restraint Harness

Crotch Buckle

Crotch Buckle Flap

Rim

Upholstery





A

Cleaning

The Upholstery can be machine washed for cleaning. Orbit Baby always recommends using a front loading washer and washing the Upholstery inside a pillow case to avoid damage. It can be easily removed WITHOUT detaching the Restraint Harness from the seat shell. Replace the Upholstery once cleaned and dried completely. DO NOT use the Toddler Car Seat without the Upholstery.

Removing the Upholstery

1. Remove the Sunshade: See page 95.
2. Free the edges of the Upholstery from the seat shell by stretching them out from under the rim (Photo A).
3. Pull out the plastic Side Tabs from the slots next to each Side Handle (Photo B).
4. Free the Adjustable Headrest by detaching the hook-and-loop fasteners from the behind the Upholstery and pulling it free from the Upholstery (Photo C).



B

Side Tab

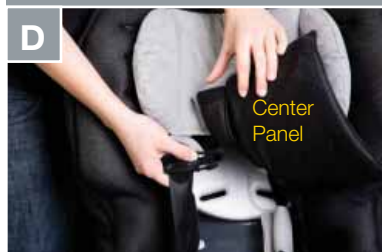


C

5. Unbuckle the Restraint Harness. Open the Center Panel from top to bottom by freeing the sides where the shoulder straps enter (Photo D).
6. Free the Shoulder Pads from the Shoulder Straps and pass the Shoulder Straps through the now open Center Panel to free the Upholstery from the back (Photo E).
7. Pull the Crotch Buckle through the slot in the bottom of the Upholstery (Photo F), which completely frees the Upholstery from the Toddler Car Seat. ●

Cleaning the Upholstery

1. Machine wash in cold water on delicate cycle. Orbit Baby always recommends using a front loading washer and washing the Upholstery inside a pillow case to avoid damage. DO NOT USE BLEACH.
2. Lay the Upholstery flat to dry. Machine drying may cause excessive shrinkage and result in the Upholstery not fitting the Toddler Car Seat properly. ●



D

Center Panel



E



F



G

Re-Installing the Upholstery

1. Re-attach the Adjustable Headrest by inserting the two tabs into their corresponding slots and pressing the hook-and-loop fasteners together (Photo G). Ensure that all Restraint Harness buckles are unbuckled, and that all Upholstery fasteners are pulled apart. Position the Upholstery within the Toddler Car Seat.



H

2. Pull each side of the Restraint Harness through the sides of Center Panel of the Upholstery (Photo H). Secure the Center Panel closed.

Note: You MUST make sure that the Shoulder Straps come through slots in the Upholstery that are at the SAME HEIGHT as the slots they come through the Shell.

3. Pull the lap portions of the straps through the slots at the sides of the bottom of the Upholstery (Photo I). Make sure the straps can move freely through the slots.



I

4. Pull the Crotch Buckle back through the buckle opening in the bottom of the Upholstery, again making sure to use the same corresponding Upholstery slot as the slot position used in the Shell (Photo J).
5. Secure the elastic edges of the Upholstery by stretching them over the rim of the carseat (Photo K).
6. Insert the plastic Side Tabs into the slots by the Side Handles (Photo L).
7. Re-attach the Shoulder Pads and **CHECK** that the Shoulder Straps move freely through the slots and are not twisted.
8. **CHECK** that the Restraint Harness is not twisted and pull on the straps to make sure the Restraint Harness is secure. ●



J



K



L

Metal and Plastic Parts

Metal and plastic parts on the Toddler Car Seat and Base may be wiped clean with a mild soap and water solution. Towel dry. Do not use household detergents, such as bleach or abrasive agents. These detergents can weaken plastic parts.

Restraint Harness and Belts

The Restraint Harness and other straps and belts may be spot cleaned with a mild soap and water solution and towel dried. DO NOT immerse the Restraint Harness, or other straps and belts, in water - doing so may weaken them. If the Harness is still heavily soiled after spot cleaning, contact Orbit Baby for further instructions.

Harness Adjuster Strap

Periodically check the adjuster area to be sure it is clean and free of food, coins, dirt, and other objects. If debris is present, it must be removed to prevent interference with the adjuster mechanism. Brush away loose debris and sponge clean using warm water and mild soap. Towel dry. Do not use solvents or abrasive cleaners. Do not disassemble the Restraint Harness.

Crotch Buckle and Buckle Tongues

If a child eats and drinks in the Toddler Car Seat, the Crotch Buckle and Buckle Tongues should be periodically checked and cleaned of any accumulated debris or liquids. The Crotch Buckle may be cleaned with a damp cloth or removed (see page 84) and thoroughly rinsed with warm water. Towel dry. Test the Crotch Buckle by fastening and unfastening until a positive click is heard when inserting the Buckle Tongues. If a click is not heard, repeat the cleaning procedure. Do not use lubricants, solvents, abrasive cleaners, soap or other household detergents on the Crotch Buckle or Buckle Tongues.

Sunshade

The Sunshade is removable and may be spot cleaned with a damp sponge and mild soap. Do not machine wash or dry the Sunshade.

SmartHub, Rotational Check Mechanism, & Hub Locks

Keep the entire bottom Hub area, and the Hub Locks specifically, on the Toddler Car Seat clean and free of foreign material in order for the Toddler Car Seat to function properly. As well, keep the Base's SmartHub and Rotational Check Mechanisms clean and free of foreign material. Do not allow any liquids or particulate matter (such as sand or soil) to enter any of these areas. ●

What this limited warranty covers and for how long:

Orbit Baby, Inc. (“Orbit Baby”) warrants that the product accompanied by this limited warranty is free from manufacturing defects in material or workmanship for a period of two (2) years from the date of original purchase. This warranty only applies to the original purchaser of the product and only to products purchased and used in the United States of America. The limited warranty period also applies to any implied warranties that may exist under applicable law. Some States do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

What this limited warranty does not cover:

This limited warranty does not apply to: (1) defects resulting from repair (except by Orbit Baby or its authorized service representatives) or alteration of the product, (2) defects resulting from use with covers, inserts, accessories, tightening devices, or other components not supplied by or expressly approved in writing by Orbit Baby, and (3) defects resulting from misuse, including any use not in accordance with the product instructions, abuse, accident, neglect, improper maintenance or handling, or normal wear and tear.

What Orbit Baby will do:

If you believe the product is defective please return it to Orbit Baby in the manner described below within the limited warranty period. If Orbit Baby determines a defect is covered by this limited warranty, Orbit Baby will, at its

option, repair or replace the product or components of the product. This limited warranty extends to repaired and replacement products and components only through the end of the original limited warranty period.

What Orbit Baby and its distributors and retailers are not responsible for:

In no event will Orbit Baby or any of its retailers, dealers, distributors or retailers be liable for incidental, indirect or consequential damages relating to the product (including any repaired or replacement product or component) or its use. Some States do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation and exclusion may not apply to you.

How State law applies:

This limited warranty gives you specific legal rights, and you may have other rights which vary from State to State.

What you must do to get service under this limited warranty:

To make a claim under this limited warranty you must first contact Orbit Baby. Please write to: Orbit Baby, Inc., 8445 Central Ave., Newark, CA 94560, or call 1-877-ORB-BABY (672-2229) or email to support@orbitbaby.com. You must provide proof of purchase in the form of your original sales receipt in order to obtain service under this limited warranty. ●

Please keep this instruction manual for future use.

It can be stored in the pocket inside the Rear Access Panel, at the rear of the Toddler Car Seat.

After-Impact Exchange

If your Orbit Toddler Car Seat and/or Orbit Base were involved in a vehicle collision, please contact Orbit Baby customer service or go to www.orbitbaby.com/support to find out more about our After-Impact Exchange program policies.

Customer Service & Replacement Parts

There are three ways to contact Orbit Baby Customer Service with questions or comments, or to order replacement parts:

- | | |
|-----------------|---|
| 1. by internet: | www.orbitbaby.com/support |
| 2. by email: | support@orbitbaby.com |
| 3. by phone: | 1-877-ORB-BABY (1-877-672-2229) |

When you contact us, please have your product's model number, serial number, and date of manufacture ready. These numbers can be found on the Product Information Label (See page 8).

U.S.Pat.No. 7,338,122. Other U.S. Patents Pending.
European Patent Application No. 05751808.6.