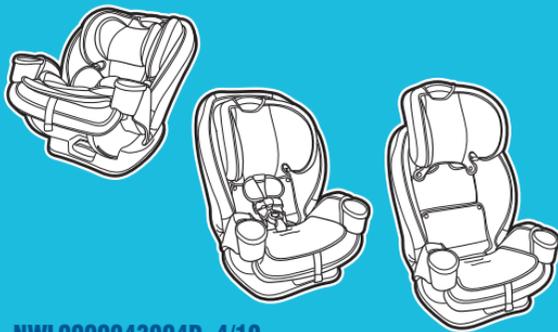




# TrioGrow™ SnugLock® LX

## 3-IN-1 CAR SEAT

### Read This Instruction Manual



Do not install or use this child restraint until you read and understand the instructions in this manual.

**FAILURE TO PROPERLY USE THIS CHILD RESTRAINT INCREASES THE RISK OF SERIOUS INJURY OR DEATH IN A SUDDEN STOP OR CRASH.**

# 1 Important

*Pages 6-27*

**1-A A Quick Guide to Your Manual**

**1-B Welcome to the Graco Family**

**1-C Right Mode of Use**

**1-D Before You Begin**

Register This Car Seat

If You Need Help

Certification

Car Seat's Useful Life

Vehicle Seat Protection

Warm Weather Use

**1-E Safety Warnings**

# 2 Features

*Pages 28-35*

**2-A Car Seat Features**

## **3 Rear-Facing Use**

*Pages 36-62*

- 3-A Rear-Facing**
- 3-B Installing Rear-Facing With LATCH Straps**
- 3-C Install Rear-Facing With Vehicle Seat Belt**

## **4 Forward-Facing Use**

*Pages 63-86*

- 4-A Forward-Facing**
- 4-B Installing Forward-Facing With LATCH Straps**
- 4-C Install Forward-Facing With Vehicle Seat Belt**

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*Pages 87-103*

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## **6 Securing Child**

*Pages 104-114*

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*Pages 122-136*

- 9-A How to Remove LATCH and Top Tether**
- 9-B Choosing Vehicle Seat Location**
- 9-C Unsafe Vehicle Seat Locations**
- 9-D Vehicle Seat Belts**
- 9-E Aircraft Installation**

## **10 Cleaning Seat Pad**

*Pages 137-146*

- 10-A Cleaning Rapid Remove Seat Pad**
- 10-B Cleaning Crotch Buckle**
- 10-C Cleaning Harness and LATCH**

## 1-A A Quick Guide to Your Manual

This car seat is for children: *Rear-Facing: 5-40 lb (2.2-18 kg)*

*Forward Facing: 22-65 lb (10-30 kg)*

*Booster: 40-100 lb (18.1-45 kg)*

- Children less than 22 lb (10 kg) **MUST** use this car seat rear-facing. Review section 1-C for more information.

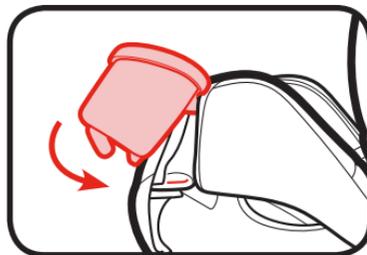
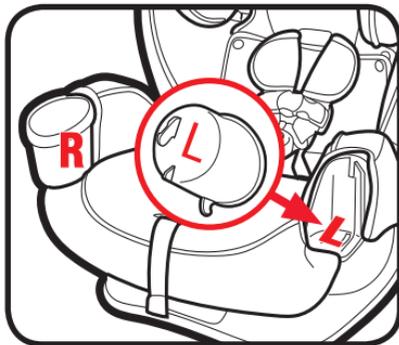
**Note:** Preterm or low birth weight infants may be at special risk in a vehicle or aircraft. According to the AAP, these infants may suffer breathing issues if improperly reclined in a car seat. When rear-facing, use the corrected age for premies. Graco advises that you have your physician or hospital staff evaluate your infant and recommend the proper car seat or car bed before you and your infant leave the hospital.

## Install Cup Holders

### Adult Assembly Required

The cup holders **must** be installed.

To attach the cup holders, match the right cup holder to the right side of the seat and the left to the left. Slide the hook on the cup holder into the slot in the seat, then rotate the bottom of the cup holder down until you hear a “Click”. **You will hear a “Click” when they are secured in place.**





1 Important

## ***Get to Know Your Car Seat***

Review section 2-A to see all of the features of this car seat.

## ***What Seating Location Should I Use?***

***The best seating location for this car seat is one that:***

- Is recommended by your vehicle owner's manual, and
- Results in a secure installation of this car seat.

Some vehicles have specific requirements for where the car seat can be installed, so be sure to check your vehicle owner's manual for available seating positions, if any.

Review section 9-B, 9-C of this manual AND your vehicle owner's manual.

**According to accident statistics, the safest place for your child in any vehicle is the back seat. The center of the back seat can be the safest during a possible side impact.**



**i** 1 Important

### ***Which Installation Method Should I Use?***

This car seat can be installed in your vehicle using either the vehicle seat belt **OR** the LATCH system. Both are equally safe to use. **DO NOT USE BOTH AT THE SAME TIME.**

**Vehicle Seat Belt:** Review section 9 and your vehicle owner's manual to learn how to install your car seat with the vehicle seat belts.

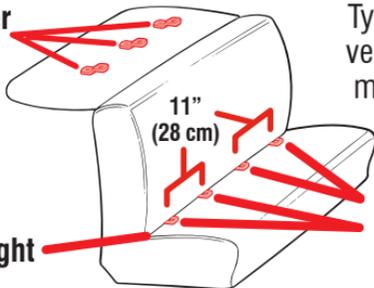
**LATCH:** The LATCH system allows you to securely attach your safety seat in your car without using the vehicle seat belt and possibly to get a better fit. All 2003 and newer model year vehicles are required to have a LATCH system, although some manufacturers began including LATCH earlier. Some vehicle owner manuals use the term ISOFIX to identify the LATCH system.

## What is LATCH?

LATCH consists of lower anchors and top tether anchors, which are built-in to your vehicle, and connectors that are built-in to your car seat. Lower anchors are used **INSTEAD** of the vehicle's seat belt to secure the child seat to the vehicle. Top tethers are used **IN ADDITION** to the lower anchors **OR** the vehicle's seat belt to secure a forward-facing car seat to the vehicle.

***Review your vehicle's owner manual for exact location and use.***

**Vehicle Top Tether  
Anchor Points**



**Vehicle Seat Belt**

Typical seat in a passenger vehicle. Other vehicle types may have different LATCH locations.

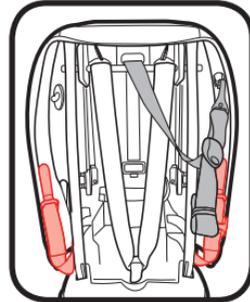
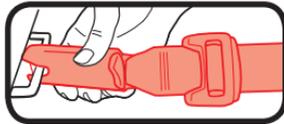
**Vehicle Lower  
Anchor Points**



## When Installing This Car Seat

### LATCH System

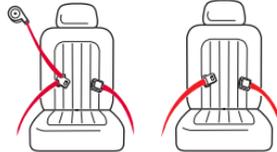
LATCH consists of two lower anchors, which are built-in to your vehicle, and connectors that are built-in to your car seat. Review section 3-B, 4-B & 5-B of this manual AND your vehicle owner's manual.



**i** 1 Important

### Vehicle Seat Belt

There are two types of vehicle seat belts that can be used When Installing Rear-Facing & Forward-Facing. Lap/Shoulder Seat Belt or Lap Only Seat Belt.



Only use the Lap/Shoulder seat belt configuration when Installing As a Booster. Review section 3-C, 4-C & 5-B of this manual AND your vehicle owner's manual.



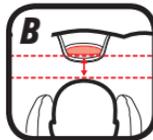
## Does Your Car Seat Fit Your Child Correctly?

To make sure your child is secured properly, review section 3, 4 & 5 to understand all of the actions you need to take to properly adjust the car seat to fit your child.

### For Rear-Facing, You Need to Adjust:

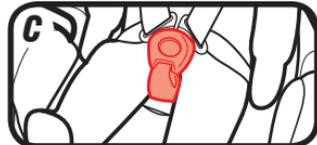
#### Harness Height, Rear-Facing

**(A)** Harness straps at or just below the child's shoulders **(B)** and top of head **must** be at least 1" (2.5 cm) below the headrest adjustment lever. Review section 6.



#### Buckle Position (C)

The correct slot is the one that is closest to your child without being underneath them. Review section 6.



#### Harness Tightness (D)

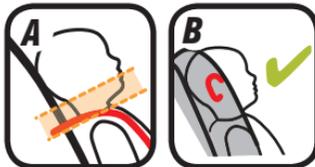
If your fingers slide off the harness straps without pinching the straps, it is tight enough. Review section 6.



## ***For Forward-Facing, You Need to Adjust:***

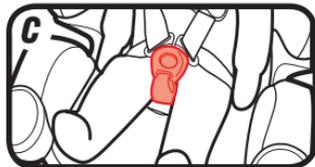
### **Harness Height, Forward-Facing**

**(A)** Harness straps at or just above the child's shoulders **(B)** and top of child's ears below top of headrest. Review section 6.



### **Buckle Position (C)**

The correct slot is the one that is closest to your child without being underneath them. Review section 6.



### **Harness Tightness (D)**

If your fingers slide off the harness straps without pinching the straps, it is tight enough. Review section 6.



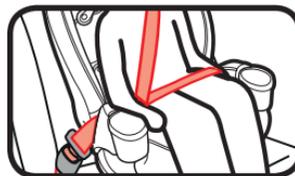
## ***For Booster, You Need to Adjust:***

### **Use Lap/Shoulder Belt Only**



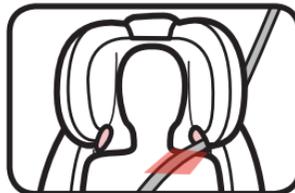
### **Position Lap Belt**

Lap belt must go behind armrest and lie low across your child's hips and thighs.



### **Position Shoulder Belt**

Shoulder belt lies across shoulder between neck and edge of shoulder.



## Rear-Facing Installation

**Car Seat Does Not Move More than 1" (2.5 cm) at the Belt Path (A)**

Review section 3

**Check level indicator (B)**

Review section 3

**Harness Straps at or Just Below Child's Shoulders (C)**

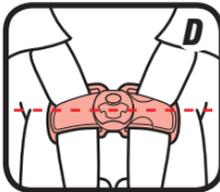
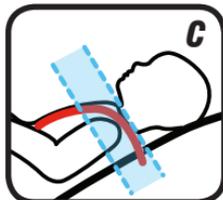
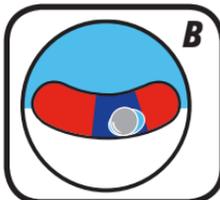
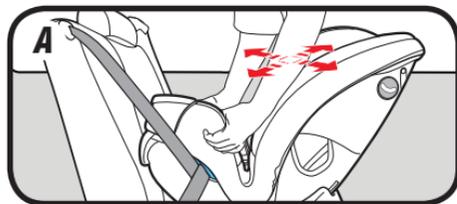
Review section 6

**Chest Clip Even With Armpits (D)**

Review section 6

**Cannot Pinch Harness Straps at the Shoulder (E)**

Review section 6



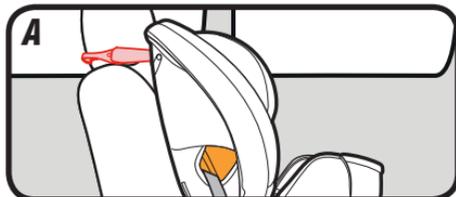
**i** 1 Important

## Forward-Facing Installation

### Use the top tether strap when using forward-facing (A)

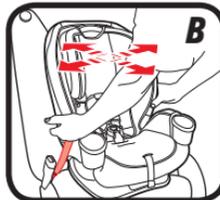
When used properly, the top tether helps reduce injury in a sudden stop or crash.

Review section 4



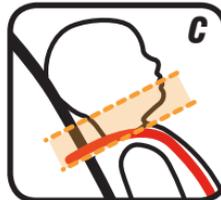
### Car Seat Does Not Move More than 1" (2.5 cm) at the Belt Path (B)

Review section 4



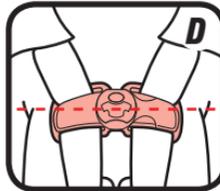
### Harness Straps at or Just Above Child's Shoulders (C)

Review section 6



### Chest Clip Even With Armpits (D)

Review section 6



### Cannot Pinch Harness Straps at the Shoulder (E)

Review section 6



## ***Booster Installation***

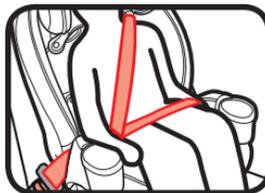
### **Never Use Lap Belt Only**

Review section 5



### **Lap Belt Behind Armrest and Lies Low Across Hips and Thighs**

Review section 5



### **Shoulder Belt Lies On the Shoulder, Between the Neck and Edge of Shoulder**

Review section 5



**i** 1 Important

## **1-B Welcome to the Graco Family!**



**1 Important**

Your child's safety depends on you. No car seat can guarantee protection from injury in every situation, but proper use helps reduce the risk of serious injury or death.

Even if this car seat seems easy to figure out on your own, you must follow the detailed instructions in this instruction manual to ensure all steps are preformed correctly.

**Visit: [www.gracobaby.com/en-US/safety](http://www.gracobaby.com/en-US/safety) for more information about Graco's car seat safety standards.**

## 1-C Right Mode of Use

5 lb (2.2 kg)	22 lb (10 kg)	40 lb (18 kg)	65 lb (30 kg)	100 lb (45 kg)
------------------	------------------	------------------	------------------	-------------------

**Rear-Facing with 5-Point Harness**  
**Must be 49" (125 cm) or less:** 5-22 lb (2.2-10 kg) less than 1 year old **MUST** be rear-facing. 22-40 lb (10-18 kg) **SHOULD** be rear-facing.\*

**Forward-Facing with 5-Point Harness**  
**Must be 49" (125 cm) or less:** 22-40 lb (10-18 kg) can sit upright unassisted **CAN** be forward-facing. 40-65 lb (18-30 kg) **SHOULD** be forward-facing.\*

**Booster Mode with Vehicle Lap/Shoulder Seat Belt** **Must be 43-57" (110.1-145 cm) tall and 4+ years old.** 40-65 lb (18.1-30 kg) **CAN** be in booster mode. Over 65 lb (30 kg) **MUST** be in booster mode.\*



\* Check your local and state laws and the AAP/NHTSA recommendations. See pages 24-25.



**1 Important**

## **1-D Before You Begin**

### ***Register This Child Restraint***

Please fill out the prepaid registration postcard attached to the harness and mail it in today **or register online at [www.gracobaby.com/carseatregistration](http://www.gracobaby.com/carseatregistration).**

Child restraints could be recalled for safety reasons. You must register this restraint to be reached in a recall. Send your name, address, and the restraint's model number and manufacturing date to:

Graco Children's Products, Inc.

Attn: Customer Service

P.O. Box 169, Elverson, PA 19520-9901

or call 1-800-345-4109

**or register online at**

**[www.gracobaby.com/carseatregistration](http://www.gracobaby.com/carseatregistration)**

For recall information, call the U.S. Government's Vehicle Safety Hotline at 1-888-327-4236 (TTY: 1-800-424-9153), or go to <http://www.NHTSA.gov>.

For future reference or if you change addresses, record the model name, model number, date of manufacture and purchase date of this car seat on the below. You can find this information either on the registration card if you still have it or on the date label located on the back of the car seat.

**Model Name** \_\_\_\_\_

**Model Number** \_\_\_\_\_

**Date of Manufacture** \_\_\_\_\_

**Date of Purchase** \_\_\_\_\_

### ***If You Need Help***

In the U.S.A, please contact our Customer Service Department with any questions you may have concerning parts, use, or maintenance. When you contact us, please have your product's model number and date of manufacture ready so that we may help you efficiently. These numbers can be found on a sticker on the back side of your car seat.

For additional resources or to get your car seat checked by a child passenger safety technician, please visit the following web sites:

[www.nhtsa.gov](http://www.nhtsa.gov) • [www.seatcheck.org](http://www.seatcheck.org) • [www.safekids.org](http://www.safekids.org)



**1 Important**

### ***Certification***

This child restraint meets or exceeds all applicable requirements of Federal Motor Vehicle Safety Standard 213 for use in motor vehicles.



This child restraint is certified for use in aircraft when using the harness system. Use only on forward-facing aircraft seats. Follow the instructions for vehicle installation and section 9-E for routing the aircraft lap belt over the lockoff. For rear-facing installation, see section 3-C and for forward-facing installation, see section 4-C. See section 9-D “Vehicle Seat Belts” and section 9-E “Aircraft Installation”. Contact the airline for their specific policies.



This child restraint is not certified for aircraft use when used as a booster seat because aircrafts do not have shoulder belts.

### ***Car Seat's Useful Life***

STOP using this car seat and throw it away 10 years after the date of manufacture. Look for this sticker on back of the car seat.

Graco Children's Products Inc. advises against loaning or passing along a car seat unless you know the complete history of the product. We also advise against purchasing a car seat second hand.

### ***Vehicle Seat Protection***

Protect vehicle seat. Use a car seat mat, towel, or thin blanket under and behind car seat.

## ***Warm Weather Use***

Car seat parts can get very hot in the sun or warm weather. **To avoid burns, always check before putting child in car seat.**



**1 Important**

## **1-E Safety Warnings**

**No car seat can guarantee protection from injury in every situation, but proper use helps reduce the risk of serious injury or death. **READ THIS MANUAL CAREFULLY.****

### **⚠ WARNING!**

**Failure to follow these instructions and child restraint's labels can result in child striking the vehicle's interior during a sudden stop or crash.**



1 Important



**! NEVER PLACE THIS CHILD RESTRAINT REAR-FACING IN A VEHICLE SEATING LOCATION THAT HAS AN ACTIVE FRONT AIR BAG.**

If an air bag inflates, it can hit the child and car seat with great force and cause serious injury or death to your child.

**! Review your vehicle owner's manual for more information about air bags and car seat use.**

**! If your vehicle does not have a back seat, review your vehicle owner's manual.**

**! Graco recommends making sure the base is a minimum of 80% on vehicle seat when using the 5-point harness.**

**! Children are safer riding rear-facing and should ride rear-facing as long as possible, until they reach the maximum rear-facing height or weight rating for their car seat. Then children should ride forward-facing, using the built-in harness**

**system for as long as possible until they reach the maximum forward-facing weight or height for their car seat. At that point, children should ride in a belt-positioning booster seat. A booster is no longer needed once the vehicle seat belt fits properly, typically when they reach 4 feet 9 inches (145 cm) tall and are between ages 8-12. Be sure to check your local and state laws, as well as AAP and NHTSA recommendations, for car seat usage.\***

**! Choose the correct mode of use for the car seat depending on your child's size. Infants less than 22 lb. (10 kg) MUST use this car seat rear-facing.**

**! Select a suitable location for the car seat in your vehicle.**

**! Secure car seat with a vehicle seat belt or LATCH that is properly routed as shown in this manual.**

\*Graco Supports the American Academy of Pediatrics and National Highway Traffic Safety Administration's Car Seat Guidelines. Visit [www.gracobaby.com/en-US/safety](http://www.gracobaby.com/en-US/safety) for information on car seat usage recommendations.



**1 Important**

**1 Important**

**! Vehicle seat belt system MUST hold car seat securely. Not all vehicle seat belts can be used with a car seat.**

**! If vehicle seat belt does not hold car seat securely, read “Vehicle Seat Belts” section 9-D and your vehicle owner’s manual.**

**! Always secure car seat with LATCH or a vehicle seat belt, even when unoccupied. In a crash, an unsecured car seat can injure passengers.**

**! If car seat is in a crash, it must be replaced. DO NOT use it again! A crash can cause unseen damage and using it again could result in serious injury or death.**

**! DO NOT use car seat if it is damaged or missing parts.**

**! DO NOT use accessories or parts other than those provided by Graco. Their use could alter the performance of the car seat.**

**! DO NOT remove LATCH system from car seat. If using vehicle**

seat belt to secure car seat, LATCH connectors must be stored.

**! Never leave child unattended, even when sleeping. Child may become tangled in harness straps and suffocate or strangle.**

**! Rear-facing car seat must be properly leveled:**

- Too reclined can result in injury or ejection.
- Too upright can result in breathing difficulties.



**! Never attach two LATCH connectors to one vehicle lower anchor point unless specifically allowed by the vehicle manufacturer.**

**! Do not use both the vehicle belt and LATCH belts at the same time when using the car seat rear or forward facing.**

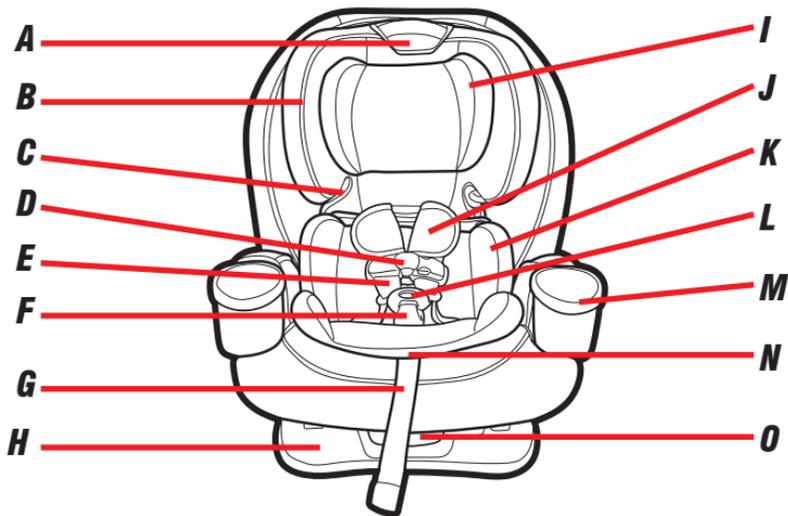


**1 Important**

## 2-A Car Seat Features



2 Features

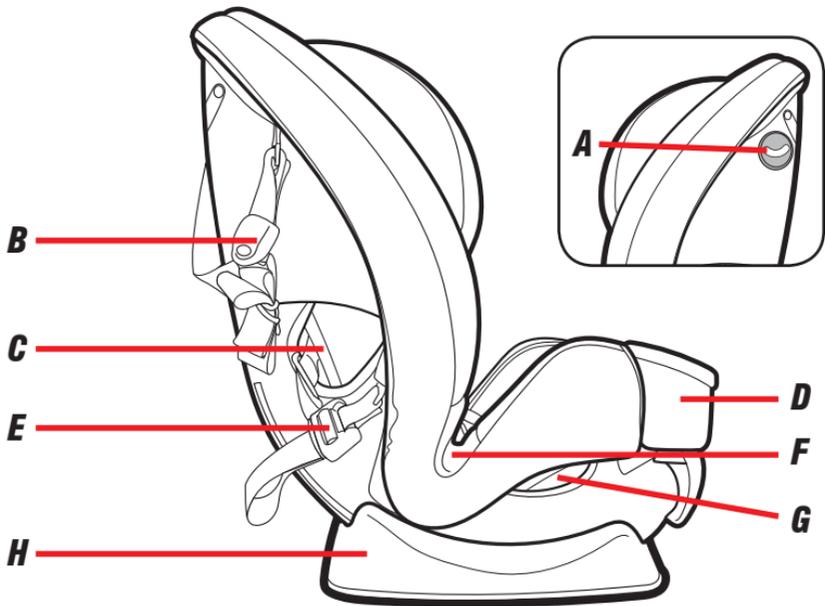


- A Headrest/Harness Adjustment Lever**
- B Headrest**
- C Booster Shoulder Belt Guide**
- D Chest Clip**
- E Harness Straps**
- F Buckle Strap**
- G Harness Adjustment Strap**
- H Seat Base**
- I Head Support**
- J Harness Cover**
- K Body Support**
- L Buckle**
- M Cup Holder**
- N Harness Release Lever**  
(under seat pad)
- O Recline Handle**



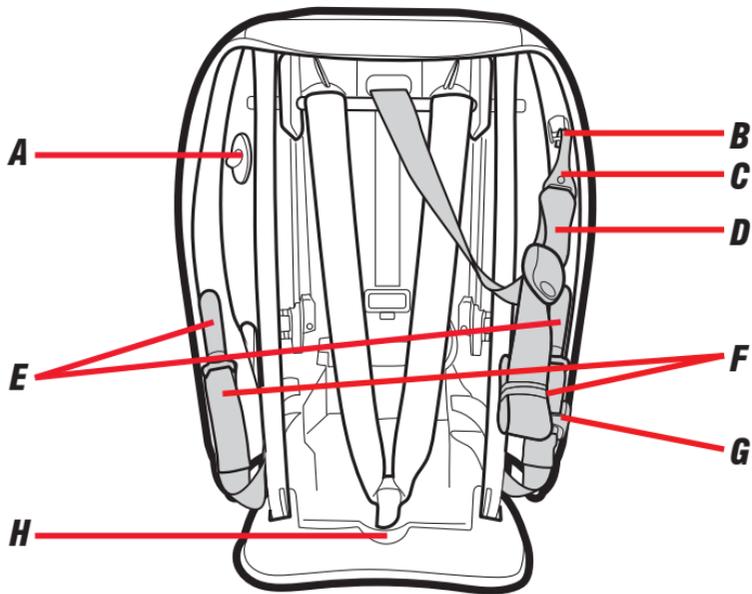
## 2 Features

2 Features



- A Level Indicator***
- B Top Tether Strap***
- C Forward-Facing Belt Path***
- D Cup Holder***
- E LATCH Strap***
- F Booster Lap Belt Path***
- G Rear-Facing Belt Path***
- H Base***

2 Features

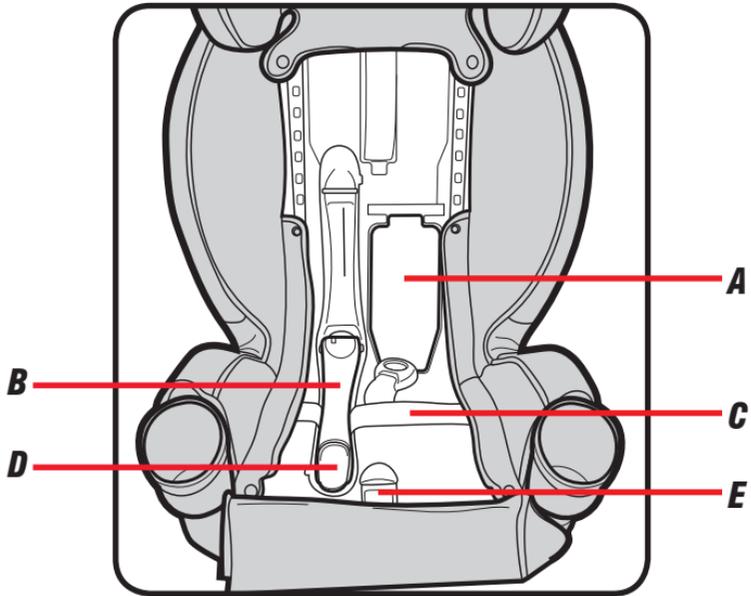


- A Level Indicator***
- B Top Tether Storage Bar***
- C Tether Hook***
- D Tether Strap***
- E LATCH Storage***
- F LATCH Strap***
- G LATCH Adjuster***
- H Instruction Manual Storage***





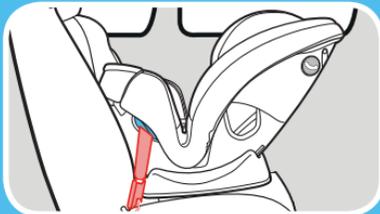
## 2 Features



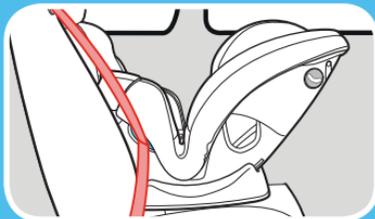
- A Harness Storage Compartment***
- B SnugLock® Lock-Off***
- C LATCH Strap***
- D SnugLock® Lock-Off Release Button***
- E Harness Release Lever***



## 3-A Rear-Facing Use



**LATCH Strap**



**Vehicle Seat Lap/Shoulder Belt**



**3 Rear Facing**

**Rear-Facing: 5-40 lb (2.2-18 kg) and whose head is at least 1" (2.5 cm) below the headrest adjustment handle**

- Infants who weigh less than 22 lb (10 kg) **MUST be rear-facing.**
- Place car seat rear-facing in the vehicle back seat.
- Make sure LATCH strap or vehicle seat belt is routed through the rear-facing belt path marked with a blue label.
- Install this car seat tightly in your vehicle. Car seat **should not move** at the rear-facing belt path more than 1" (2.5 cm) from side to side, front to back.
- Check recline level making sure the ball is within the blue area.

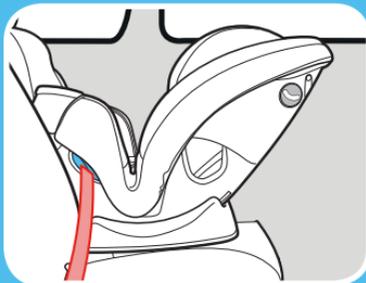
- Harness straps need to be **even with or just below** the top of child's shoulders and chest clip is at **armpit level**.

Children are safer riding rear-facing and should ride rear-facing as long as possible, until they reach the maximum rear-facing height or weight rating for their car seat. Then children should ride forward-facing, using the built-in harness system for as long as possible until they reach the maximum forward-facing weight or height for their car seat. Be sure to check your local and state laws, as well as AAP and NHTSA recommendations, for car seat usage.

## **⚠️ WARNING!**



**NEVER place this child restraint rear-facing in a vehicle seating location that has an active front air bag.**



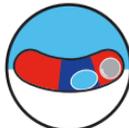
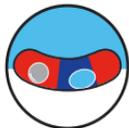
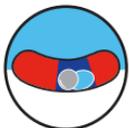
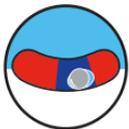
### ***Vehicle Seat Lap Belt***

**Note:** Preterm or low birth weight infants may be at special risk in a vehicle or aircraft. According to the AAP, these infants may suffer breathing issues if improperly reclined in a car seat. When rear-facing, use the corrected age for preemies. Graco advises that you have your physician or hospital staff evaluate your infant and recommend the proper car seat or car bed before you and your infant leave the hospital.



**3 Rear Facing**

**When reading the level indicator,**



Vehicle **MUST** be on level ground.

Use corrected age for preemies.

- If the ball is entirely in the light blue area, the restraint is level for infants 0+ months in age.
- If the ball is entirely in the dark blue area, the restraint is level for a child 3+ months in age.
- If the ball is not completely in the blue areas, the child restraint is **NOT** level. You must adjust your recline position.



**3 Rear Facing**

## 3-B Installing Rear-Facing With LATCH Straps

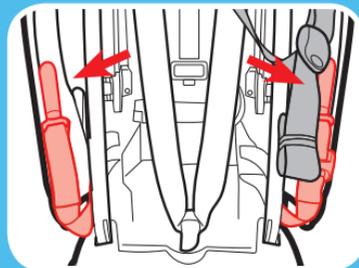
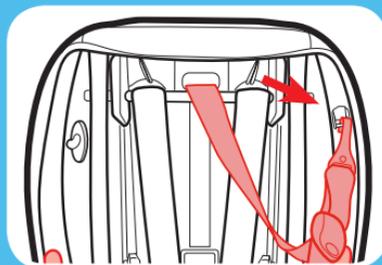
Visit [www.gracobaby.com](http://www.gracobaby.com) and the TrioGrow™ SnugLock® LX car seat product page to view installation videos.

### 1. Store Top Tether Strap

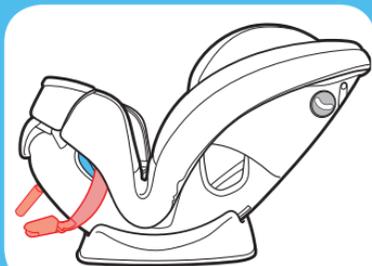
Attach tether hook to the plastic bar on right side of the car seat.

### 2. Remove LATCH Strap from Storage Location

Unhook the InRight™ LATCH connectors and remove from storage position.



3 Rear  
Facing



### **3. Make Sure LATCH Strap is in the Rear-Facing Belt Path Marked With a Blue Label**

If not, See section 8 to move LATCH strap.



### **4. Recline the Car Seat**

Pull out on handle on front of child restraint and adjust to one of the three rear-facing positions.



**3 Rear Facing**

## 5. Place Car Seat Rear-Facing in Back Seat of the Vehicle

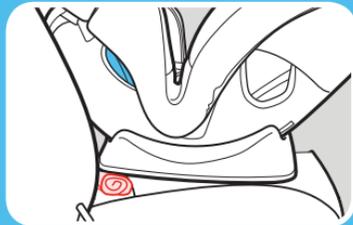
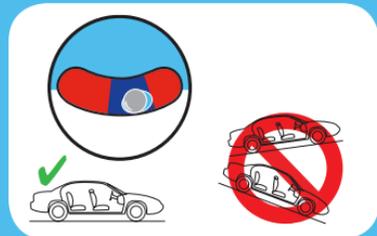
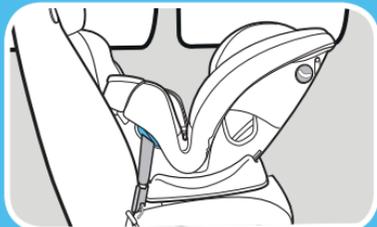
Place rear-facing in vehicle seat and center the car seat between the lower LATCH anchors. The base should sit as flat as possible on the vehicle seat.

**Note:** Make Sure Base is a minimum of 80% on Vehicle Seat.

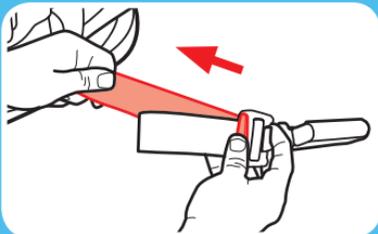
## 6. Check the Level Indicator

Vehicle **MUST** be on level ground. **Ball must be completely in the blue area.** Readjust the recline if needed.

For infants 3 months and under, the **ball must be entirely in the light blue area.** If needed, rolled towels may be placed under the car seat at the vehicle seat crease, until the ball is completely in the blue area.

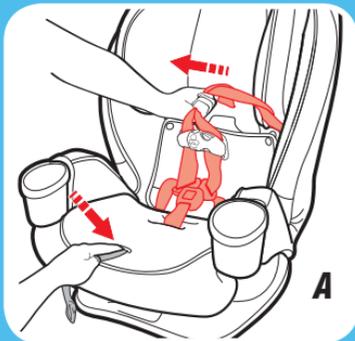


3 Rear  
Facing



### **7. Extend the LATCH Strap.**

For easier installation, extend the LATCH strap to its maximum length by pressing the grey button and pulling on the strap.



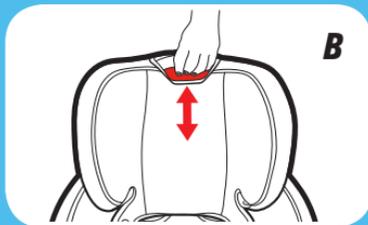
### **8. Expose the SnugLock® Lock-Off**

**A.** Loosen the harness straps. Push down on the harness release lever while pulling out on the harness straps at the chest clip.

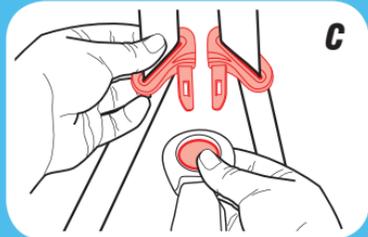


**3 Rear  
Facing**

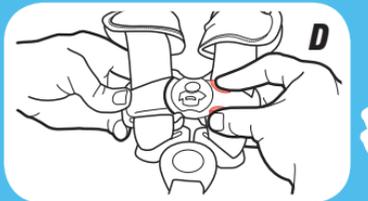
**B.** Raise the headrest to the highest position.



**C.** Unbuckle the buckle.



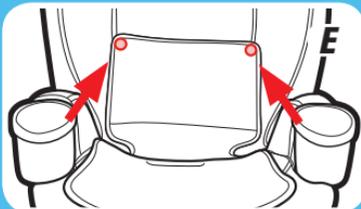
**D.** Unbuckle the chest clip.



**3 Rear Facing**

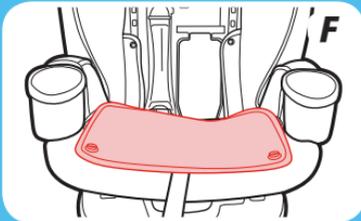


3 Rear  
Facing

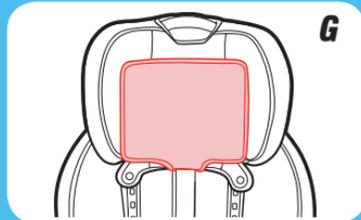


### ***E. Unsnap Seat Pad***

Undo the 2 snaps.



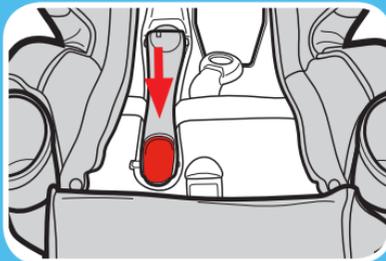
### ***F. Pull Bottom Seat Pad Back To Expose the Plastic Shell***



### ***G. Lift the headrest pad flap up out of the way.***

### **9. Open the SnugLock® Lock-Off**

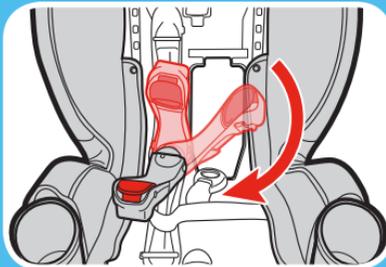
Push the lever to open the SnugLock® lock-off.



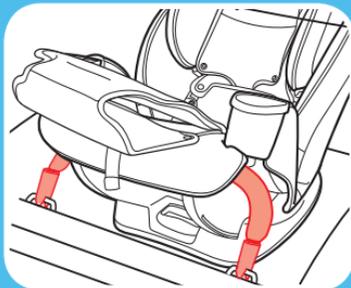
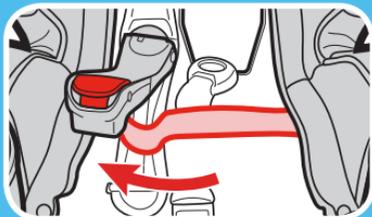
### **10. Rotate the SnugLock® lock-off if needed**

If the SnugLock® Lock-off is in the forward-facing belt path, rotate down toward the rear-facing belt path.

Proceed to the next step if the SnugLock® Lock-off is already in the rear-facing belt path.



**3 Rear  
Facing**



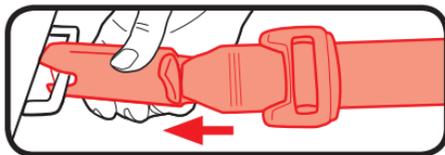
**11. Make Sure the LATCH Strap is Routed Under the SnugLock® Lock-Off**

The LATCH strap should lie as flat as possible and not be twisted.

Make sure the LATCH strap is in front of the buckle strap when the buckle is in the inner-most position, and behind when in the outer-most position.

**12. Attach InRight™ LATCH connectors to Vehicle's Lower LATCH Anchors.**

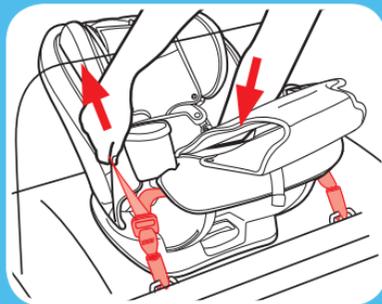
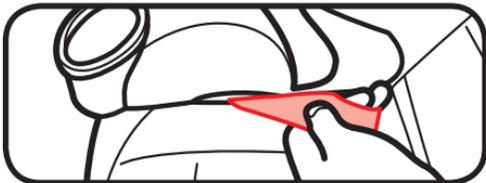
LATCH strap should lie flat and not be twisted.



### 13. Tighten the LATCH Strap

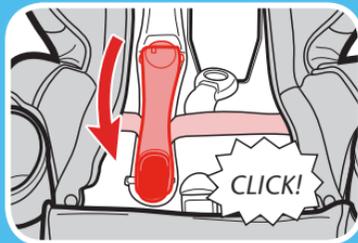
Press down firmly in the center of the car seat while tightening the LATCH strap to remove all the slack. Do not pull on the strap with excessive force.

You may need to tighten through the rear-facing belt path as shown.



### 14. Close the SnugLock® Lock-Off

When the slack is removed, close the SnugLock® Lock-Off until you hear a “Click”. Make sure the LATCH strap is under the SnugLock® Lock-Off.



**! WARNING!**

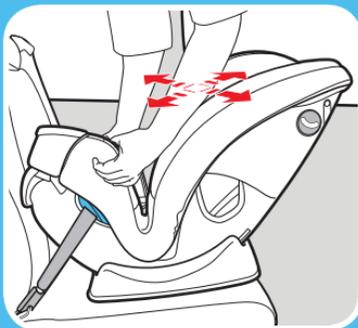
**Keep hands away from the lock-off area when closing the lock-off.**



**3 Rear Facing**



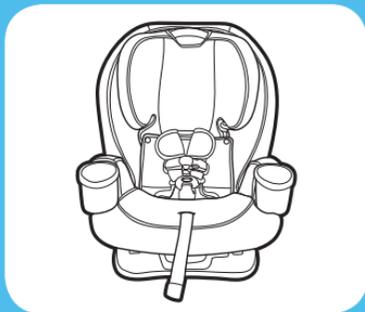
3 Rear  
Facing



### **15. Test For Tightness**

Grab the sides of the seat where the LATCH strap is and slide the car seat side-to-side and front-to-back.

If the seat moves less than 1" (2.5 cm), it is tight enough.



### **16. Replace the Seat Pad**

Move the headrest back to its proper position for your child.

## 17. Check the Level Indicator

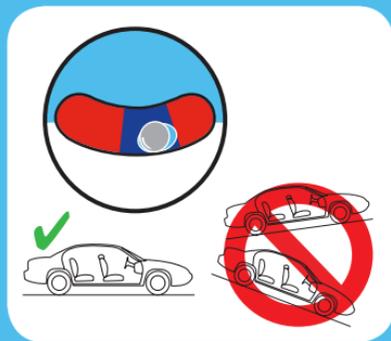
Vehicle **MUST** be on level ground. **Ball must completely be in the blue area.** Readjust if needed.

For infants 3 months and under, the **ball must completely be in** the light blue area.

If needed, rolled towels may be placed under the car seat at the vehicle seat crease, until the ball is completely in the blue area.

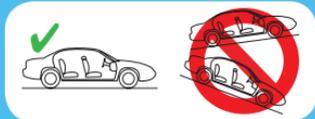
**See section 6 to secure your child.**

Recheck level indicator with child in seat.



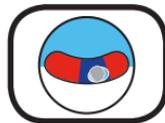
3 Rear  
Facing

## Is Everything Correct?



**Car Seat Does Not Move More than 1" (2.5 cm) at the Belt Path**

**Level Indicator's Ball Is In The Blue Area And Vehicle On Level Ground**



**Harness Straps at or Just Below the Child's Shoulders.**

Review section 6

**Chest Clip Even With Armpits**

Review section 6

**Cannot Pinch Harness Straps at the Shoulder**

Review section 6



**3 Rear Facing**

## 3-C Install Rear-Facing with Vehicle Seat Belt

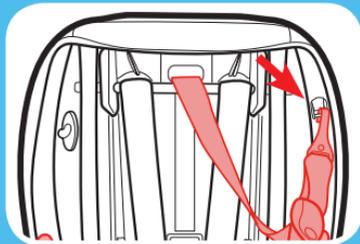
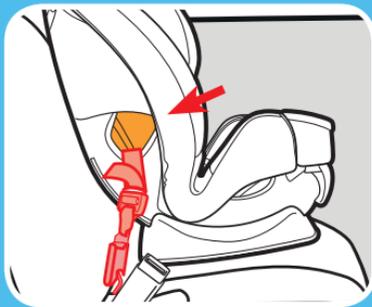
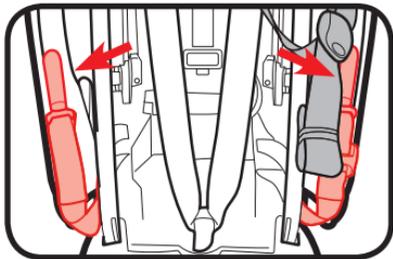
Visit [www.gracobaby.com](http://www.gracobaby.com) and the TrioGrow™ SnugLock® LX car seat product page to view installation videos.

### 1. Make Sure LATCH Strap is in the Forward-Facing Belt Path Marked with Orange Label

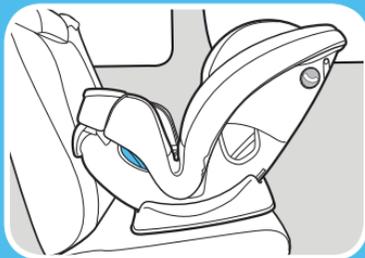
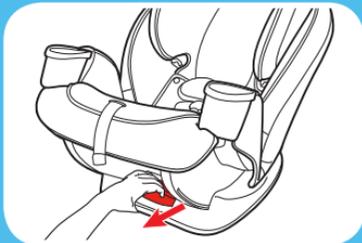
If not, see section 8 to move LATCH strap.

### 2. Store Top Tether and LATCH Strap

Attach tether hook and InRight™ LATCH connectors to the plastic bars as shown.



3 Rear Facing



### **3. Recline the Car Seat**

Pull out on handle on front of child restraint and adjust to one of the three rear-facing positions.

### **4. Place Car Seat Rear-Facing in Back Seat of the Vehicle**

Place rear-facing in vehicle seat. The base should sit as flat as possible on the vehicle seat.

**Note:** Make Sure Base is a minimum of 80% on Vehicle Seat.

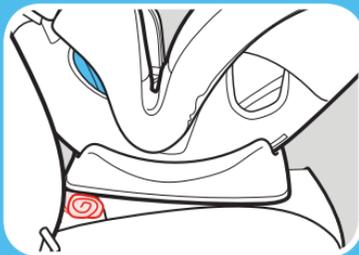
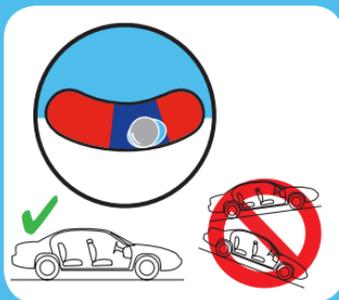
## 5. Check the Level Indicator

Vehicle **MUST** be on level ground. **Ball must completely be in the blue area.**  
Readjust if needed.

For infants 3 months and under, the **ball must completely be in** the light blue area.

If needed, rolled towels may be placed under the car seat at the vehicle seat crease, until the ball is completely in the blue area.

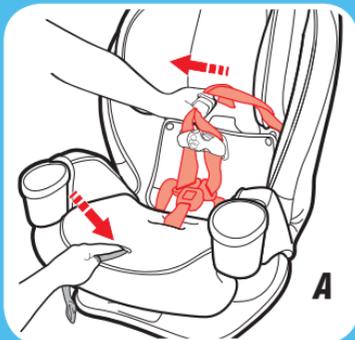
**See section 6 to secure your child.**  
Recheck level indicator with child in seat.



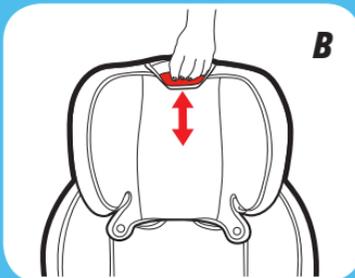
3 Rear  
Facing



3 Rear  
Facing



**A**



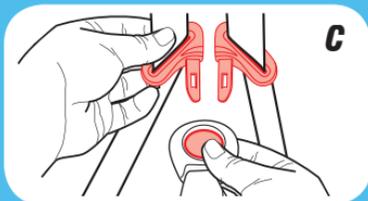
**B**

## 6. Expose the SnugLock® Lock-Off

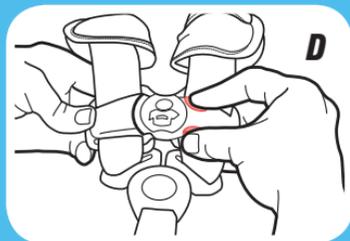
**A.** Loosen the harness straps. Push down on the harness release lever while pulling out on the harness straps at the chest clip.

**B.** Raise the headrest to the highest position.

**C.** Unbuckle the buckle.



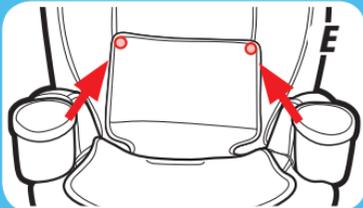
**D.** Unbuckle the chest clip.



**3 Rear  
Facing**

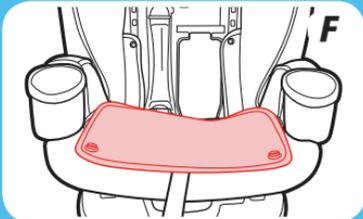


3 Rear  
Facing

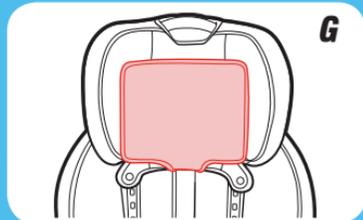


***E. Unsnap Seat Pad***

Undo the 2 snaps.



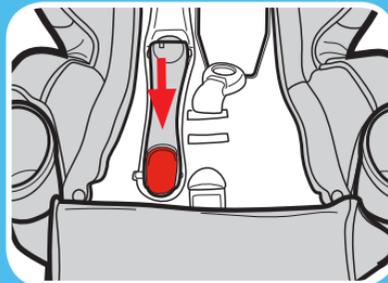
***F. Pull Bottom Seat Pad Back To Expose the Plastic Shell***



***G. Lift the headrest pad flap up out of the way.***

## 7. Open the SnugLock® Lock-Off

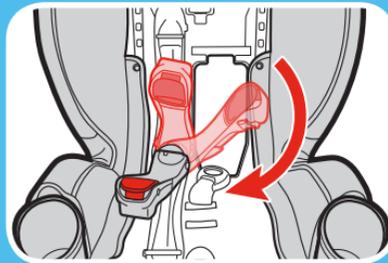
Push the lever to open the SnugLock® lock-off.



## 8. Rotate the SnugLock® lock-off if needed

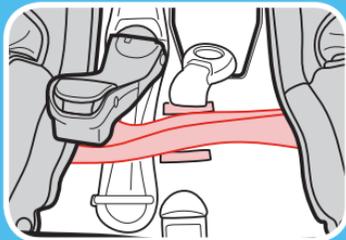
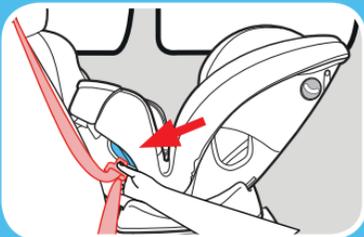
If the SnugLock® Lock-off is in the forward-facing belt path, rotate down toward the rear-facing belt path.

Proceed to the next step if the SnugLock® Lock-off is already in the rear-facing belt path.



3 Rear  
Facing

**Review your vehicle's owner manual for vehicle seat belt use**



**3 Rear  
Facing**

## **9. Route the Vehicle Seat Belt Under the SnugLock® Lock-off**

Thread vehicle seat belt through the rear-facing belt path (marked with a blue label), through the SnugLock® Lock-Off, and out the other side. Buckle the seat belt. The seat belt should lie as flat as possible and not be twisted.

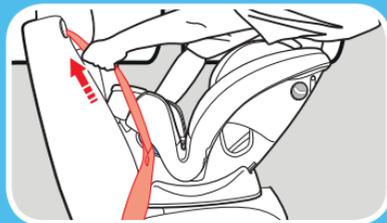


Make sure the vehicle seat belt is in front of the buckle strap when the buckle is in the inner-most position, and behind when in the outer-most position.

## 10. Tighten the Vehicle Seat Belt

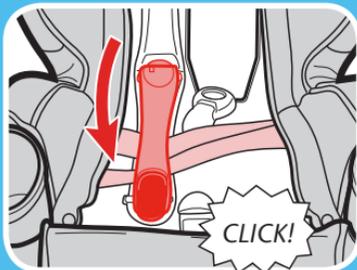
Press down firmly in the center of the car seat. Pull on the shoulder belt to remove slack.

Do not pull on the vehicle seat belt with excessive force.



## 11. Close the SnugLock® Lock-Off

When the slack is removed, close the SnugLock® Lock-Off until you hear a “Click”. Make sure the vehicle seat belt is under the SnugLock® Lock-Off.



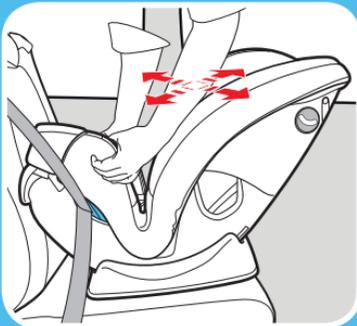
**⚠ WARNING!**

**Keep hands away from the lock-off area when closing the lock-off.**





**3 Rear  
Facing**



## **12. Test For Tightness**

Grab the sides of the seat where the LATCH strap is and slide the car seat side-to-side and front-to-back.

If the seat moves less than 1" (2.5 cm), it is tight enough.



## **13. Replace the Seat Pad**

Move the headrest back to its proper position for your child.

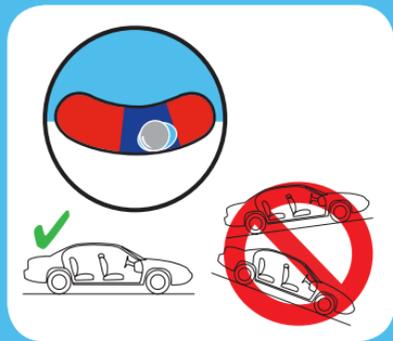
## 14. Check the Level Indicator

Vehicle **MUST** be on level ground. **Ball must completely be in the blue area.** Readjust if needed.

For infants 3 months and under, the **ball must completely be in** the light blue area.

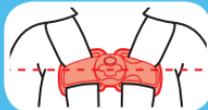
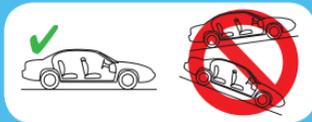
If needed, rolled towels may be placed under the car seat at the vehicle seat crease, until the ball is completely in the blue area.

**See section 6 to secure your child.** Recheck level indicator with child in seat.



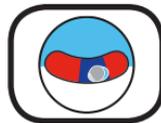
3 Rear  
Facing

## Is Everything Correct?



***Car Seat Does Not Move More than 1" (2.5 cm) at the Belt Path***

***Level Indicator's Ball Is In The Blue Area And Vehicle On Level Ground***



***Harness Straps at or Just Below the Child's Shoulders.***

Review section 6

***Chest Clip Even With Armpits***

Review section 6

***Cannot Pinch Harness Straps at the Shoulder***

Review section 6



**3 Rear Facing**

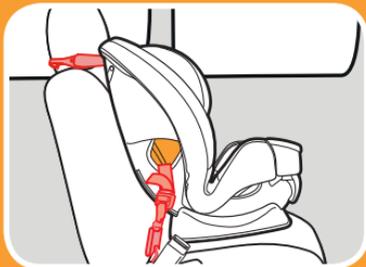
## 4-A Forward-Facing Use

**Forward-Facing:  
22-65 lb (10-30 kg)  
49 inches (125 cm) or less**

- For children over 40 lb (18 kg) you **MUST** use recline position 5 or 6.
- Place car seat forward-facing in the vehicle back seat.
- Make sure LATCH strap or vehicle seat belt is routed through the forward-facing belt path marked with an orange label.
- Install this car seat tightly in your vehicle. Car seat **should not move** at the forward-facing belt path more than 1". (2.5 cm) from side to side, front to back.



4 Forward  
Facing



### **LATCH Strap**

***Do not install by this method  
for a child weighing more  
than 45 lb (20 kg)***



#### 4 Forward Facing



**Vehicle Lap/Shoulder Seat Belt**



**Vehicle Seat Lap Belt**

- Harness straps need to be **even with or just above** the top of child's shoulders and chest clip is at **armpit level**.
- Children are safer riding rear-facing and should ride rear-facing as long as possible, until they reach the maximum rear-facing height or weight rating for their car seat. Then children should ride forward-facing, using the built-in harness system for as long as possible until they reach the maximum forward-facing weight or height for their car seat. At that point, children should ride in a belt-positioning booster seat. Be sure to check your local and state laws, as well as AAP and NHTSA recommendations, for car seat usage.

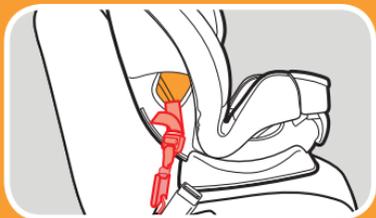
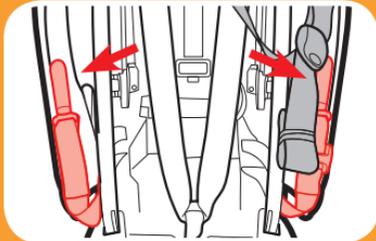


## 4-B Install Forward-Facing with LATCH Straps

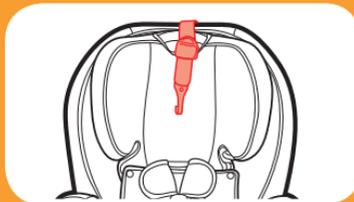
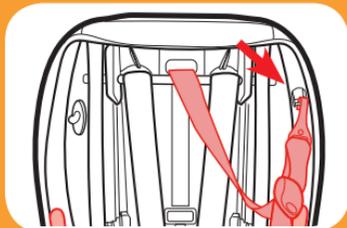
*Review your vehicle's owner manual for LATCH location and use. Do not install by this method for a child weighing more than 45 lb (20 kg)*

*Visit [www.gracobaby.com](http://www.gracobaby.com) and the TrioGrow™ SnugLock® LX car seat product page to view installation videos.*

- 1. Remove LATCH Strap from Storage Location**
- 2. Make Sure LATCH Strap is in the Forward-Facing Belt Path Marked with Orange Label**  
If not, see section 8 to move LATCH strap.



4 Forward  
Facing



### 3. *Recline the Car Seat*

Pull out the recline handle and place the car seat in recline position 4, 5, or 6. **For children over 40 lb (18 kg) you MUST use recline position 5 or 6.**



### 4. *Unhook Top Tether Strap From Storage*

Unhook tether and lay it in the seat.

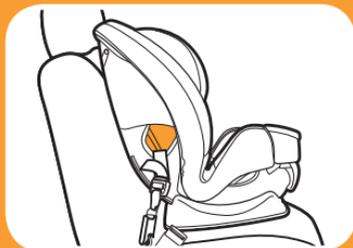
## 5. Place Car Seat Forward-Facing in Back Seat of the Vehicle

Place forward-facing in vehicle seat and center the car seat between the lower LATCH anchors. The base should sit as flat as possible on the vehicle seat.

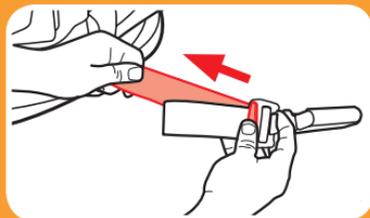
**Note:** Make Sure Base is a minimum of 80% on Vehicle Seat.

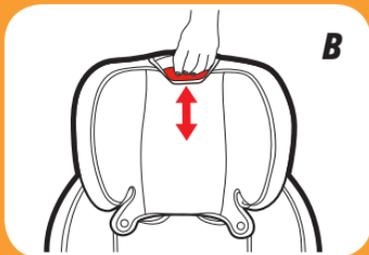
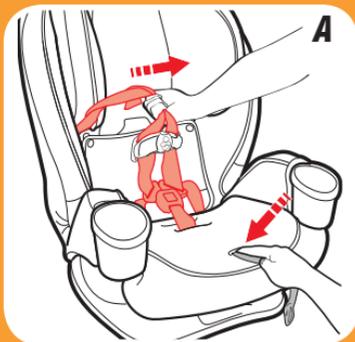
## 6. Extend the LATCH Strap.

For easier installation, extend the LATCH strap to its maximum length by pressing the grey button and pulling on the strap.



4 Forward Facing





## 7. Expose the SnugLock® Lock-Off

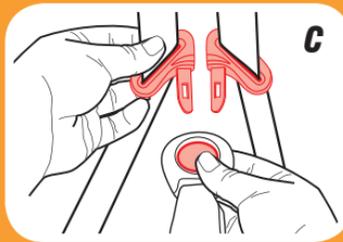
**A.** Loosen the harness straps. Push down on the harness release lever while pulling out on the harness straps at the chest clip.

**B.** Raise the headrest to the highest position.

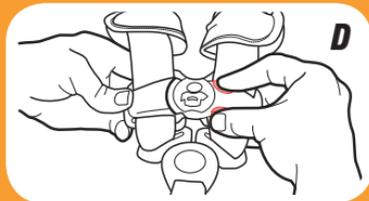


4 Forward  
Facing

**C.** Unbuckle the buckle.

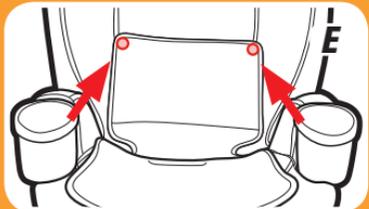


**D.** Unbuckle the chest clip.

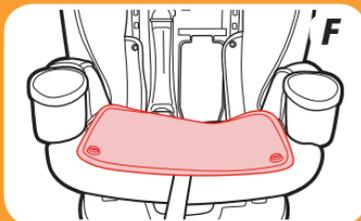


**E. Unsnap Seat Pad**

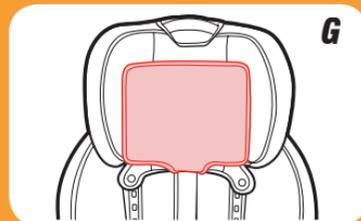
Undo the 2 snaps.



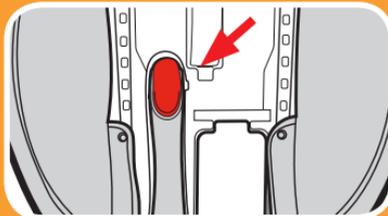
4 Forward  
Facing



**F. Pull Bottom Seat Pad Back To Expose the Plastic Shell**



**G. Lift the headrest pad flap up out of the way.**



**8. Open the SnugLock® Lock-Off**

Push the lever to open the SnugLock® lock-off.



4 Forward Facing

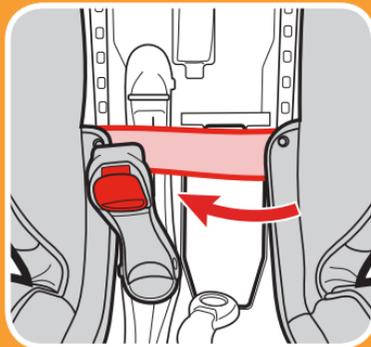
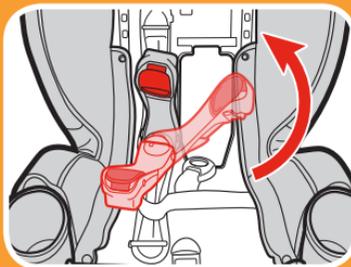
### **9. Rotate the SnugLock® lock-off if needed**

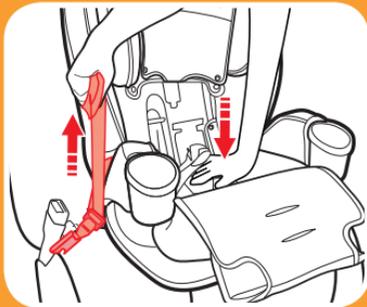
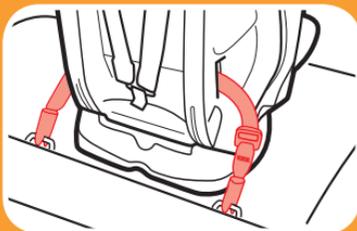
If the SnugLock® Lock-off is in the rear-facing belt path, rotate the SnugLock® Lock-off up toward the forward-facing belt path.

Proceed to the next step if the SnugLock® Lock-off is already in the forward-facing belt path.

### **10. Make Sure the LATCH Strap is Routed Under the SnugLock® Lock-Off**

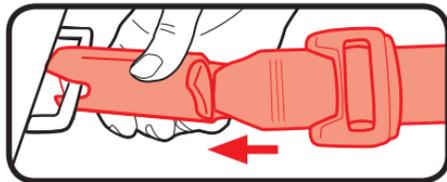
The LATCH strap should lie as flat as possible and not be twisted.





**11. Attach InRight™ LATCH connectors to Vehicle's Lower LATCH Anchors.**

LATCH strap should not be twisted.



**12. Tighten the LATCH Strap**

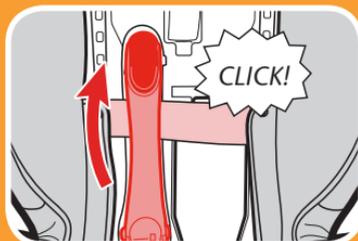
Press down firmly in the center of the car seat while tightening the LATCH strap to remove all the slack. Do not pull on the strap with excessive force.



4 Forward  
Facing

### 13. Close the SnugLock® Lock-Off

When the slack is removed, close the SnugLock® Lock-Off until you hear a “Click”. Make sure the LATCH strap is under the SnugLock® Lock-Off.



## ⚠️ WARNING!

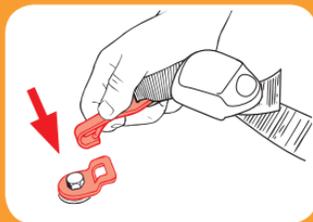
Keep hands away from the lock-off area when closing the lock-off.

### 14. Attach Top Tether Strap

Extend the top tether by lifting up on the tether lock and attach.

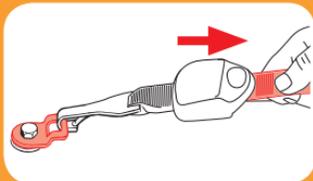


Consult vehicle's owner manual for specific location.



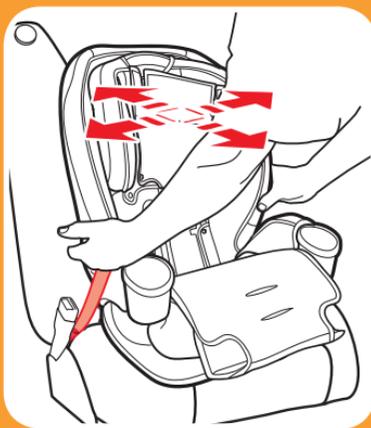


4 Forward  
Facing



### **15. Tighten Top Tether Strap**

Remove all the slack.



### **16. Test For Tightness**

Grab the sides of the seat where the LATCH strap is and slide the car seat side-to-side and front-to-back.

If the seat moves less than 1" (2.5 cm), it is tight enough.

**See section 6-A to secure your child.**

## **17. *Replace the Seat Pad***

Move the headrest back to its proper position for your child.

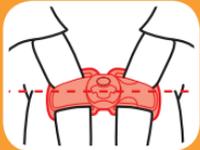


**4 Forward  
Facing**



4 Forward  
Facing

## Is Everything Correct?



***Car Seat Does Not Move More than 1" (2.5 cm) at the Belt Path***

***Harness Straps at or Just Above the Child's Shoulders.***

Review section 6

***Chest Clip Even With Armpits***

Review section 6

***Cannot Pinch Harness Straps at the Shoulder***

Review section 6



4 Forward Facing

## 4-C Install Forward-Facing with Vehicle Seat Belt

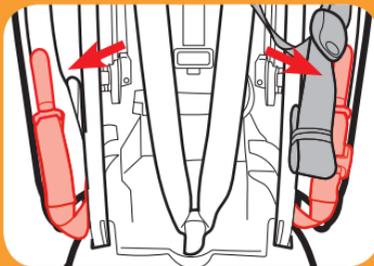
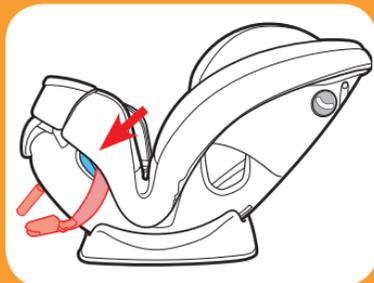
Visit [www.gracobaby.com](http://www.gracobaby.com) and the TrioGrow™ SnugLock® LX car seat product page to view installation videos.

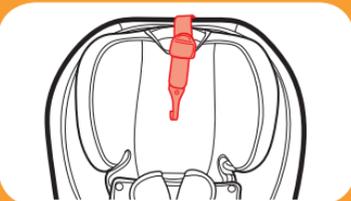
### 1. Make Sure LATCH Strap is in the Rear-Facing Belt Path Marked With a Blue Label

If not, See section 8 to move LATCH strap.

### 2. Store LATCH Strap

Attach InRight™ LATCH connectors to the plastic bars as shown.





### **3. Recline the Car Seat**

Pull out the recline handle and place the car seat in recline position 4, 5, or 6. **For children over 40 lb (18 kg) you MUST use recline position 5 or 6.**

### **4. Unhook Top Tether Strap From Storage**

Unhook tether and lay it in the seat.

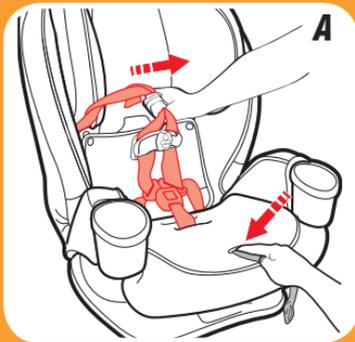
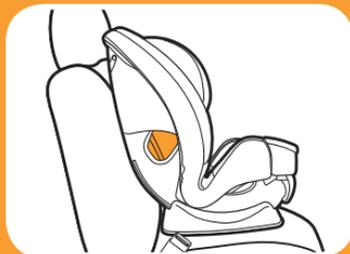
## 5. Place Car Seat Forward-Facing in Back Seat of the Vehicle

Place forward-facing in vehicle seat. The base should sit as flat as possible on the vehicle seat.

**Note:** Make Sure Base is a minimum of 80% on Vehicle Seat.

## 6. Expose the SnugLock® Lock-Off

**A.** Loosen the harness straps. Push down on the harness release lever while pulling out on the harness straps at the chest clip.

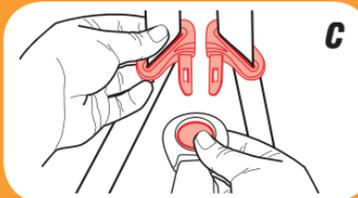


4 Forward Facing

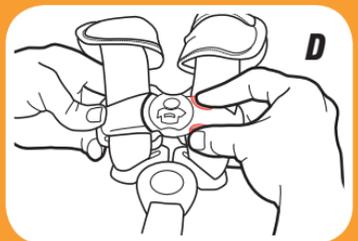
**4 Forward  
Facing**



**B.** Raise the headrest to the highest position.



**C.** Unbuckle the buckle.



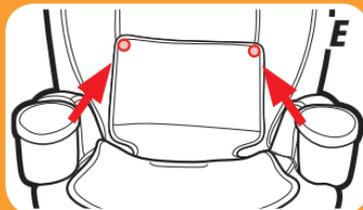
**D.** Unbuckle the chest clip.



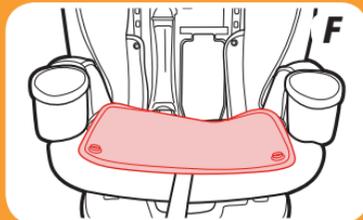
4 Forward  
Facing

**E. Unsnap Seat Pad**

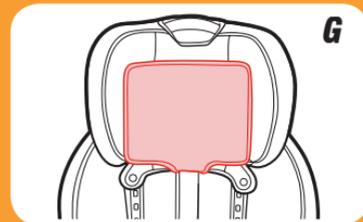
Undo the 2 snaps.



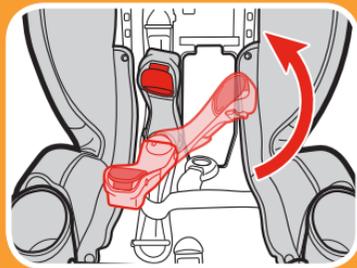
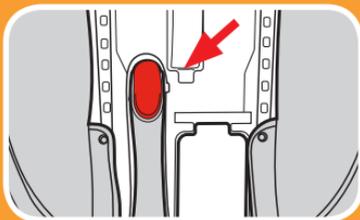
**F. Pull Bottom Seat Pad Back To Expose the Plastic Shell**



**G. Lift the headrest pad flap up out of the way.**



4 Forward  
Facing



**7. Open the SnugLock® Lock-Off**

Push the lever to open the SnugLock® lock-off.

**8. Rotate the SnugLock® lock-off if needed**

If the SnugLock® lock-off arm is in the rear-facing belt path, rotate the arm up toward the forward-facing belt path.

Proceed to the next step if the lock-off arm is already in the forward-facing belt path.

**Review your vehicle's owner manual for vehicle seat belt use**

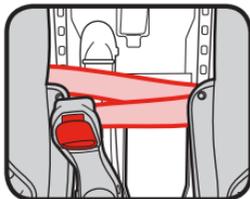


**4 Forward Facing**

## **9. Route the Vehicle Seat Belt**

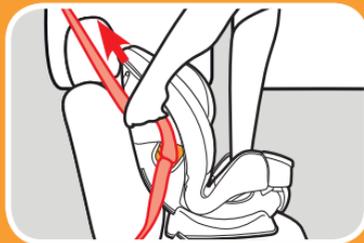
Thread vehicle seat belt through the forward-facing belt path (marked with an orange label), under the SnugLock® Lock-Off, and out the other side.

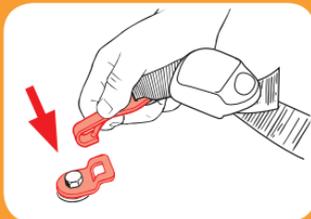
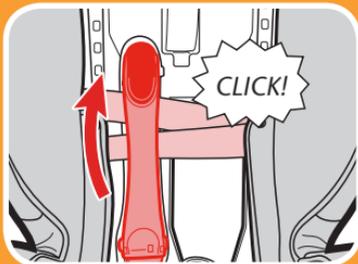
Buckle the seat belt. The seat belt should lie as flat as possible and not be twisted.



## **10. Tighten the Vehicle Seat Belt**

Press down firmly in the center of the car seat. Pull on the shoulder belt to tighten while feeding the slack back in the retractor. Do not pull on the strap with excessive force.





## 11. Close the SnugLock® Lock-Off

When the slack is removed, close the SnugLock® Lock-Off until you hear a “Click”. Make sure the vehicle seat belt is under the SnugLock® Lock-Off.

**! WARNING!**

**Keep hands away from the lock-off area when closing the lock-off.**

## 12. Attach Top Tether Strap

Extend the top tether by lifting up on the tether lock and attach.



Consult vehicle’s owner manual for specific location.

### **13. Tighten the Top Tether Strap**

Push the car seat back while tightening the top tether strap to remove all the slack.

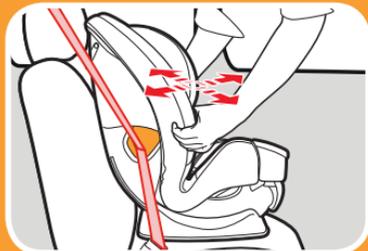
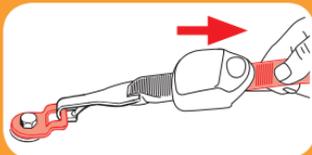
### **14. Test For Tightness**

Grab the sides of the seat where the vehicle seat belt is and slide the car seat side-to-side and front-to-back. If the seat moves less than 1" (2.5 cm), it is tight enough.

**See section 6-A to secure your child.**

### **15. Replace the Seat Pad**

Move the headrest back to its proper position for your child.

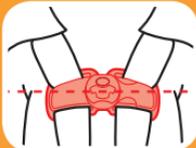


**4 Forward  
Facing**



4 Forward  
Facing

## ***Is Everything Correct?***



***Car Seat Does Not Move More than 1" (2.5 cm) at the Belt Path***

***Harness Straps at or Just Above the Child's Shoulders.***

Review section 6

***Chest Clip Even With Armpits***

Review section 6

***Cannot Pinch Harness Straps at the Shoulder***

Review section 6

## 5-A Booster Use

### **Booster Use:**

**40-100 lb (18.1-45 kg) 43-57 in. (110.1-145 cm) at least 4 years old**



- Place car seat forward-facing in the vehicle back seat.
- Make sure vehicle seat's lap belt is adjusted snugly and lays low on the child's hip and is routed behind the armrest in the booster's belt path.
- Vehicle belts **MUST** lie flat against child and **MUST NOT** be twisted.
- Vehicle seat's shoulder belt is adjusted snugly and should lie between child's neck and edge of shoulder.
- **Never** use a vehicle lap-only belt across front of child.
- **DO NOT** position vehicle shoulder belt



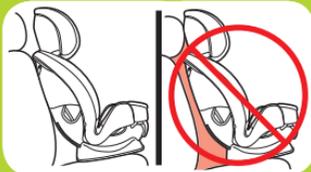
### **Vehicle Lap/Shoulder Seat Belt**



5 Booster



***Never Use a Vehicle  
Lap-Only Belt Across  
Front of Child***



- under the child's arm or back.
- **DO NOT** allow child to slouch or slide down in the booster seat.
- **DO NOT** position vehicle belt over top of armrests.
- Vehicle's seat headrest **SHOULD NOT** create a gap between vehicle seat and booster seat.
- The front of booster seat **MUST NOT** hang over front of vehicle seat.
- If child will not keep vehicle belt properly positioned, **DO NOT** use this booster seat. Use a different car seat.

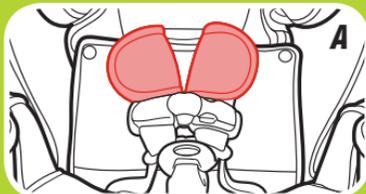
When forward-facing, children should use the built-in harness system for as long as possible until they reach the maximum forward-facing weight or height for their car seat. At that point, children should ride in a belt-positioning booster seat. A booster is no longer needed once the vehicle seat belt fits properly, typically when they reach 4 feet 9 inches (145 mm) tall and are between ages 8-12. Be sure to check your local and state laws, as well as AAP and NHTSA recommendations, for car seat usage.

## 5-B Install Highback Booster

### 1. Store The Harness System

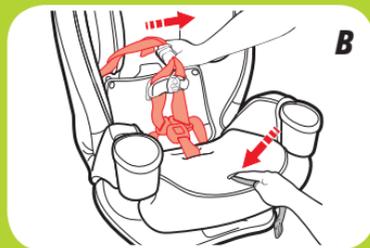
#### A. Remove Harness Covers

To remove, undo the fastening strips and remove.

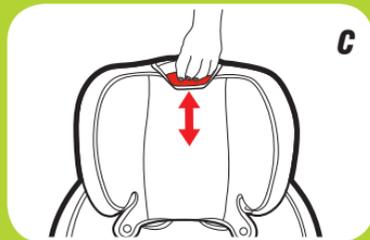


#### B. Loosen The Shoulder Straps As Much As Possible.

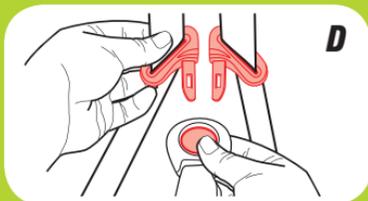
Push down on the harness release lever while pulling out on the harness straps at the chest clip.



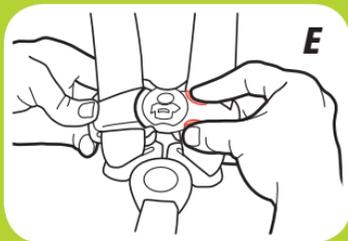
#### C. Raise The Headrest To The Highest Position.



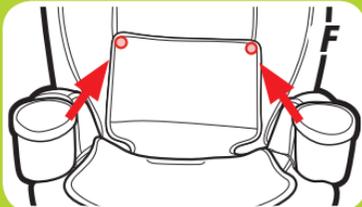
 5 Booster



**D.** Unbuckle the buckle.

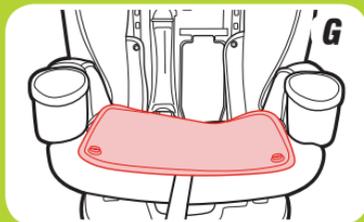


**E.** Unbuckle the chest clip.

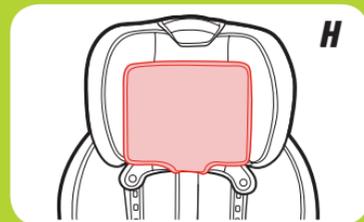


**F. Unsnap Seat Pad**  
Undo the 2 snaps.

**G. Pull Bottom Seat Pad Back To Expose the Plastic Shell**



**H. Lift the headrest pad flap up out of the way.**

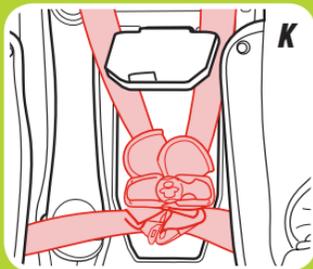
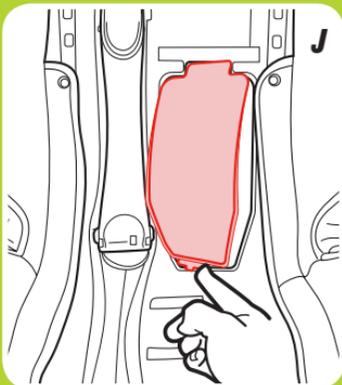


**I. Remove the Buckle Strap**

From bottom of car seat, rotate metal retainer to side in order to push it through slot easier.

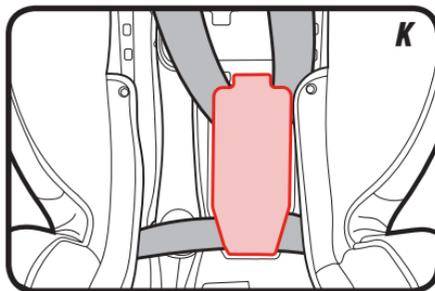


  
5 Booster



***J. Open the Harness Storage Door***

***K. Place Harness, Chest Clip, Buckle Tongues, Buckle and Harness Covers Inside Storage Compartment and Close the Door***



## **L. Replace Seat Pad**

Move the headrest back to its proper position for your child.

## **2. Adjust the Car Seat**

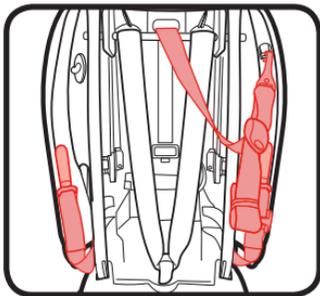
Place car seat in recline position 6.

## **3. Place Car Seat Forward-Facing in Back Seat of the Vehicle**

Place forward-facing in vehicle seat. The bottom of the seat should sit as flat as possible on the vehicle seat. Make sure the base **completely** rests on the vehicle seat.



5 Booster

**Skip to Step 19 on page 103 if Not Using LATCH**

Graco allows the securing of the car seat with LATCH system in the booster mode. The child still **MUST BE SECURED** with the vehicle lap/shoulder seat belt. LATCH can be used in the booster mode regardless of the weight of the child up to 100 lb (45 kg).

Verify the following before using LATCH in the booster mode:

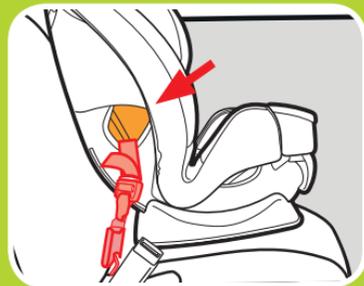
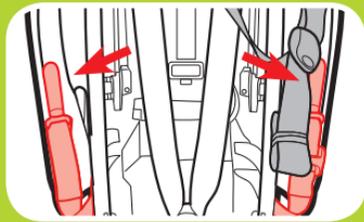
- The InRight™ LATCH connectors **DO NOT** interfere with any vehicle seat belts or buckles.

If the LATCH interferes with the vehicle seat belts or if the chosen seating position does not have LATCH bars, you **MUST** store the LATCH strap. Store the LATCH strap by attaching to the plastic bar as shown. Store the top tether strap as shown. Always secure car seat with LATCH or a vehicle seat belt, even when unoccupied. In a crash, an unsecured car seat can injure passengers.

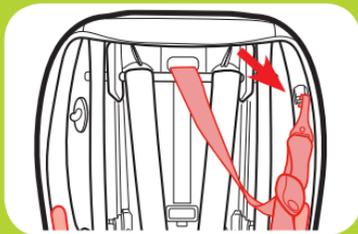
**4. Remove LATCH Strap from Storage Location**

**5. Make Sure LATCH Strap is in the Forward-Facing Belt Path Marked with Orange Label**

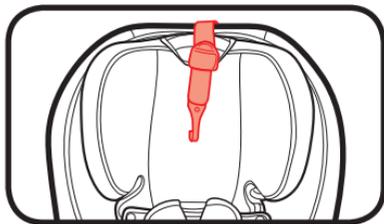
If not, See section 8 to move LATCH strap.



**5 Booster**

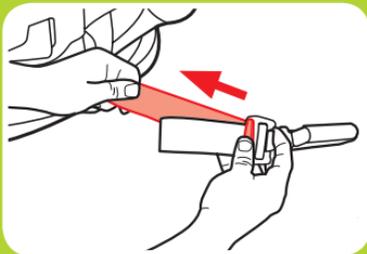


**6. Unhook Tether From Storage location and Lay it in the Seat**



**7. Extend the LATCH Strap.**

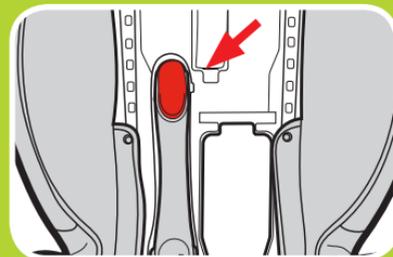
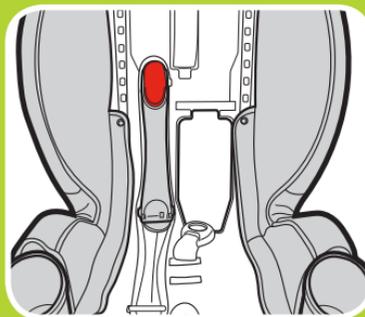
For easier installation, extend the LATCH strap to its maximum length by pressing the grey button and pulling on the strap.



**8. Expose the SnugLock® Lock-Off**

**9. Open the SnugLock® Lock-Off**

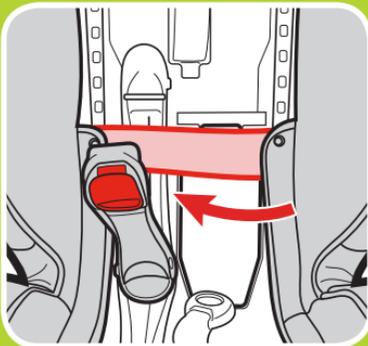
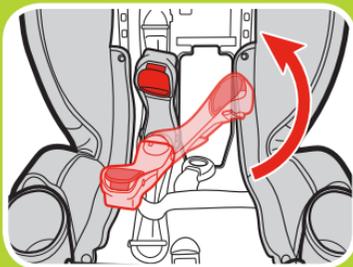
Push the lever to open the SnugLock® lock-off.



5 Booster



## 5 Booster



### **10. Rotate the SnugLock® Lock-off if needed**

If the SnugLock® Lock-off arm is in the rear-facing belt path, rotate the arm up toward the forward-facing belt path.

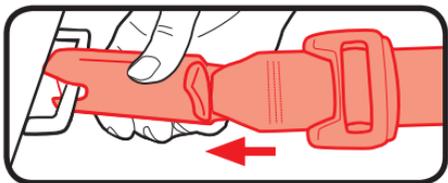
Proceed to the next step if the lock-off arm is already in the forward-facing belt path.

### **11. Make Sure the LATCH Strap is Routed Under the SnugLock® Lock-Off**

The LATCH strap should lie as flat as possible and not be twisted.

## 12. Attach InRight™ LATCH connectors to Vehicle's Lower Anchor Bars.

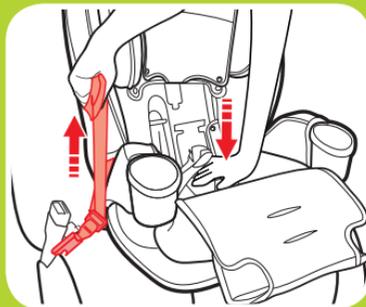
LATCH strap should not be twisted.



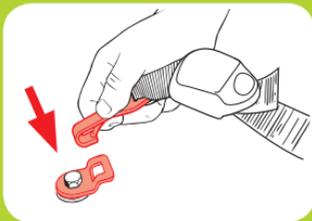
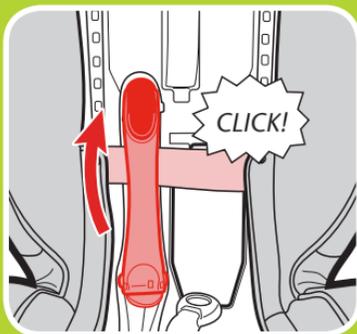
## 13. Tighten the LATCH Strap

Remove all the slack from the LATCH strap.

Do not pull on the strap with excessive force.



5 Booster



#### 14. Close the SnugLock® Lock-Off

When the slack is removed, close the SnugLock® Lock-Off until you hear a “Click”. Make sure the LATCH strap is under the SnugLock® Lock-Off.

**⚠ WARNING!**

**Keep hands away from the lock-off area when closing the lock-off.**

#### 15. Attach Top Tether Strap

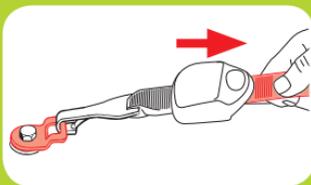
Extend the top tether by lifting up on the tether lock and attach.



Consult vehicle’s owner manual for specific location.

## 16. Tighten Top Tether Strap

Remove all the slack.

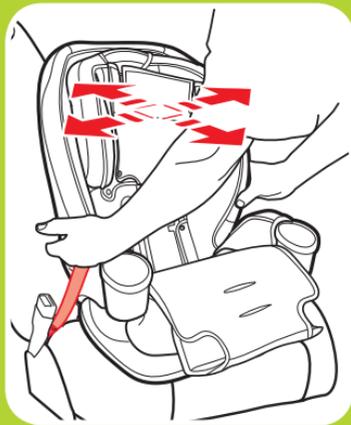


## 17. Test For Tightness

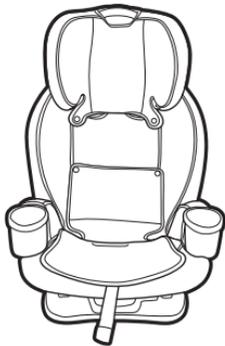
Grab the sides of the seat where the LATCH strap is and slide the car seat side-to-side and front-to-back.

If the seat moves less than 1" (2.5 cm), it is tight enough.

**See section 6-B to secure your child.**



  
5 Booster

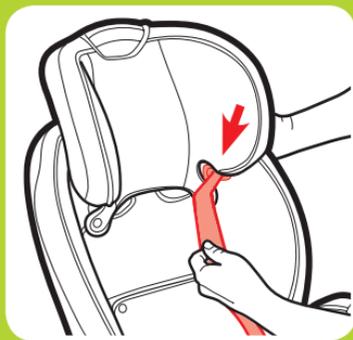


### ***18. Replace the Seat Pad***

Move the headrest back to its proper position for your child.

**19. Thread the Vehicle Seat  
Shoulder Belt Through Seat  
Belt Guide on the Headrest**

See section 6-B to secure your  
child.



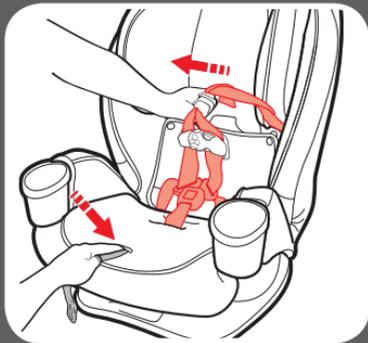
**5  
Booster**

## **! WARNING!**

**WARNING!** In cold weather, do not put snowsuits or bulky garments on your child when placing them in the car seat. Bulky clothing can prevent the harness straps from being tightened properly. To keep child warm, buckle your child in the car seat and place a blanket around the child or place the child's coat on backwards after buckling in.



## **6-A Securing Child 5-point Harness**



### **1. Loosen Harness Straps**

Push down on the harness release lever while pulling out on the harness straps at the chest clip.

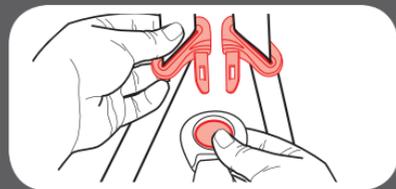
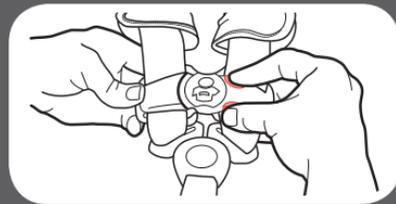


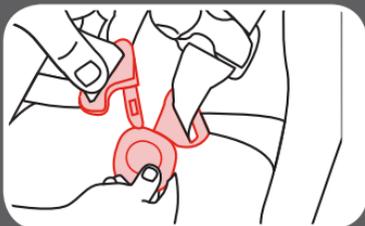
Unbuckle the chest clip and the crotch buckle. Place harness straps off to the sides.

## **2. Place Your Child in the Seat**

Make sure their back is flat against the car seat back.

Avoid bulky or heavy clothing. Doing so will prevent the harness straps from being tightened properly. You may place a blanket over the child after you have secured the child.





Rear-Facing



Forward-Facing



### 3. *Place Harness Straps Over Child's Shoulders and Buckle*

You will hear a “click” when buckle tongues are securely attached. Pull up on each buckle tongue to make sure it is securely attached.

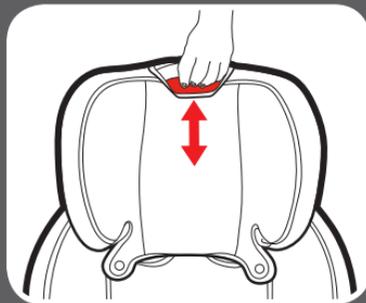
### 4. *Be Sure the Harness Straps Are at the Proper Height*

**Rear-Facing:** Harness straps should be **at or just below** the child's shoulders. Top of head **must be at least 1” (2.5 cm) below** the headrest adjustment lever.

**Forward-Facing:** Harness straps should be **at or just above** the child's shoulders. Top of child's ears **below** top of headrest.

### **5. To Raise or Lower Headrest/ Harness Height**

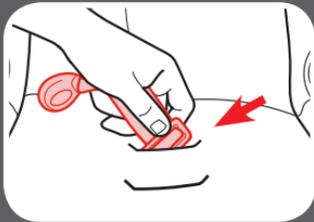
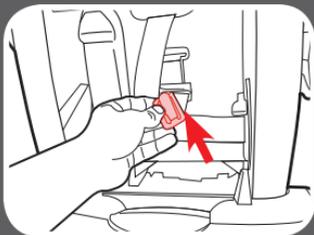
Squeeze the adjustment handle and move headrest for the proper harness height.



### **6. Check the Buckle Position**

The correct slot is the one that is closest to your child without being underneath them.





### ***7. To Adjust the Buckle Position***

Recline the car seat and locate the metal retainer under the car seat shell.

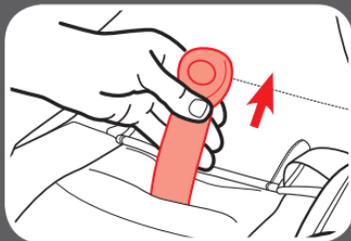
### ***8. Rotate Metal Retainer and Insert It Up Through the Shell and Pad***

From the top of the car seat, pull the crotch buckle out.

### ***9. Insert Metal Retainer in the New Crotch Buckle Slot***

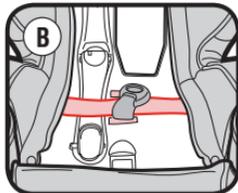
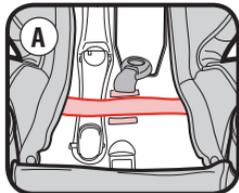
Reach underneath the car seat and pull the metal retainer through.

## 10. Pull Up on Crotch Strap to Make Sure it is Secured



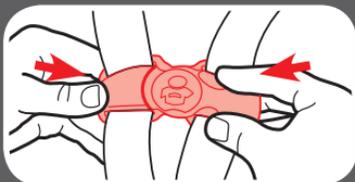
## 11. Rear-Facing With LATCH Straps:

Make sure the LATCH strap is **(A)** in front of the buckle strap when the buckle is in the inner-most position, and **(B)** behind when in the outermost position and that it is flat and is not twisted.



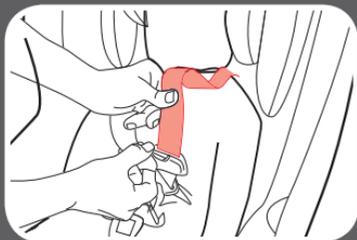


## 6 Securing Child



### **12. Buckle the Chest Clip**

You will hear a “click” when the chest clip is securely buckled.



### **13. Pull All the Slack Out From Around the Waist**

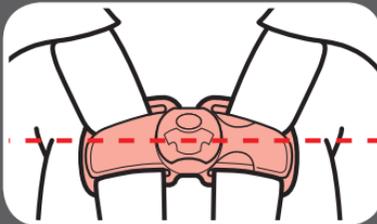
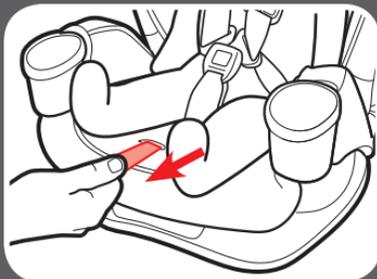
Pull up on the harness strap while pushing the chest clip down. Do this to both sides.

#### **14. Tighten the Harness by Pulling the Harness Adjustment Strap**

When you are not able to pinch any of the harness webbing at your child's shoulder, the harness is tight enough.

A snug harness should not allow any slack. It lies in a relatively straight line without sagging. It does not press on the child's flesh or push the child's body into an unnatural position.

#### **15. Raise the Chest Clip to Child's Armpit Level**



## 6-B Securing Child Highback Booster



### **! WARNING!**

**Use only the vehicle lap and shoulder belt system when restraining the child in the booster seat.**

#### ***1. Place Child In Seat***

Have your child sit in the booster seat, with his/her back flat against the back of the booster seat.

#### ***2. Thread Vehicle's Shoulder Belt Into Seat Belt Guide in the Headrest***

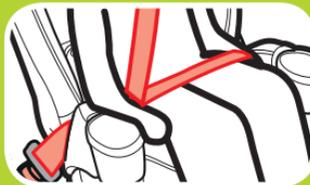


### **3. Buckle the Vehicle Lap/Shoulder Seat Belt**

Be sure the lap portion of the vehicle seat belt goes behind the armrests.

Be sure the lap portion of the vehicle seat belt lies low across your child's hips.

Be sure the shoulder belt lies across your child's shoulder, between the neck and edge of shoulder. The belt guides should be even with or just above the shoulders.



## ***Is Everything Correct?***



***Never Use Lap Belt Only***



***Lap Belt Behind Armrest and Lies Low Across Hips and Thighs***



***Shoulder Belt Lies On the Shoulder, Between the Neck and Edge of Shoulder***



**6 Securing  
Child**

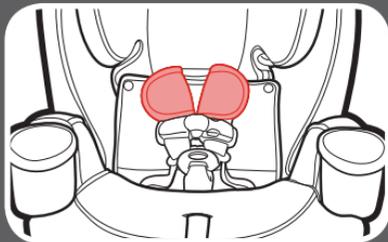
## 7-A Accessories



### ***Harness Covers***

Make sure that harness covers do not interfere with placement of the chest clip at armpit level.

To remove, undo the fastening strips and remove.

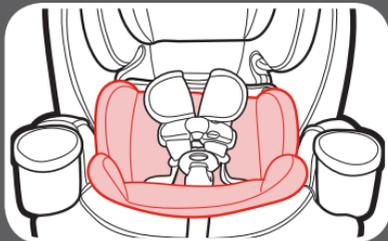


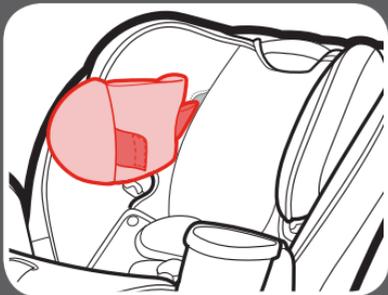
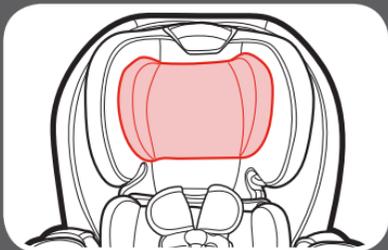
### ***Body Support***

**Use only in the rear-facing mode.**

Body support must be used if shoulders are below the lowest harness setting.

Never allow body support to bunch or fold behind child.





## ***Head Support***

Use only in the rear-facing mode. To adjust the support, pull up until desired height. Do not use without the body support.

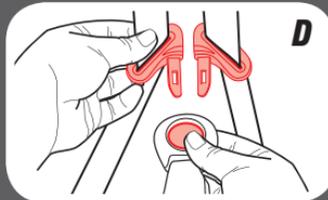
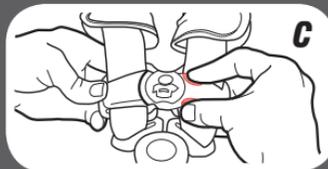
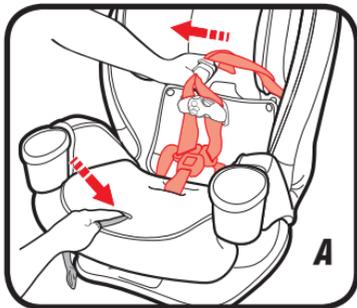
To install, thread the head support straps through the headrest and use the fastening strips to connect the straps together.

To remove, undo the fastening strips and pull the straps out of the headrest.

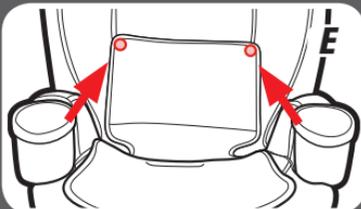
## 8-A Moving the LATCH Strap

### 1. For Ease of Moving the LATCH Strap

- A.** Loosen the harness straps.
- B.** Raise the headrest to the highest position.
- C.** Unbuckle the chest clip.
- D.** Unbuckle the buckle.

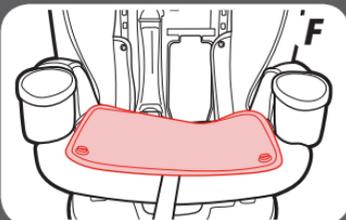


8 Moving  
LATCH

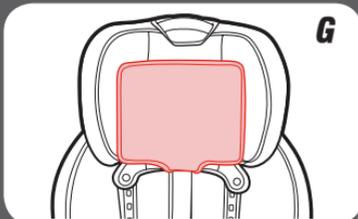


***E. Unsnap Seat Pad***

Undo the 2 snaps.



***F. Pull Bottom Seat Pad Back To Expose the Plastic Shell***



***G. Lift the headrest pad flap up out of the way.***

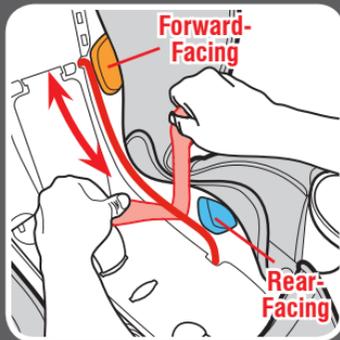
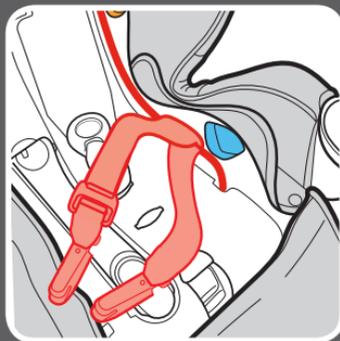
## 2. Pull the LATCH Strap Out of the Belt Path Openings.

Pull the LATCH straps out of the belt path openings, so that the InRight™ LATCH connectors lay in the seat.

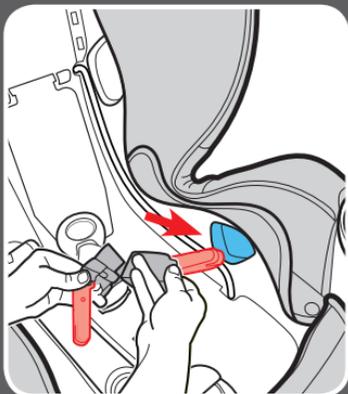
## 3. Slide Entire LATCH Strap Along Bar to the Desired Belt Path Openings

**Rear-Facing:** Slide LATCH strap along bar to the front of the seat.

**Forward-Facing:** Slide the LATCH strap up along bar to the top.

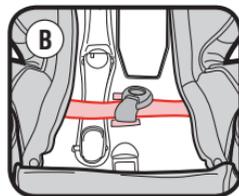
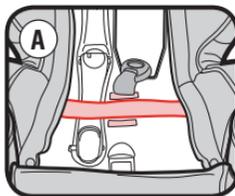


## 8 Moving LATCH

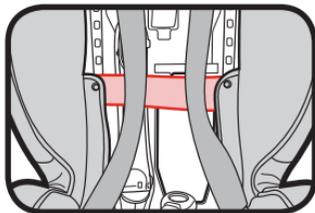


### 4. Push the InRight™ LATCH connectors Out Through the Desired Belt Path Openings on Each Side of Car Seat

**Rear-Facing:** Make sure the LATCH strap is in front of the buckle strap when the buckle is in the inner-most position (A), and behind when in the outer-most position (B) and that it is flat and is not twisted.

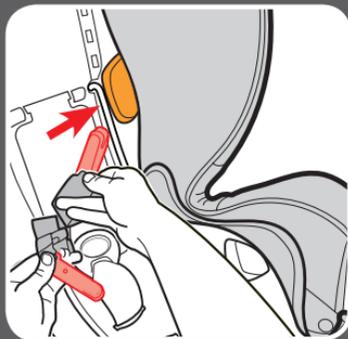


**Forward-Facing:** Make sure the LATCH strap is routed behind the harness strap, is flat, and is not twisted.

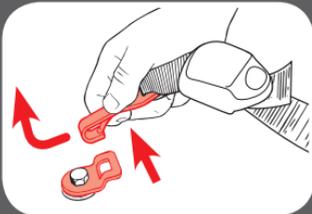
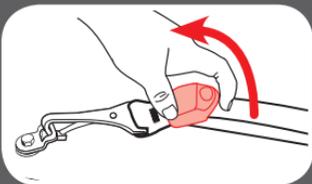


### **5. Replace the Seat Pad**

Move the headrest back to its proper position for your child.



## 9-A How to Remove LATCH and Top Tether



### ***LATCH***

To remove the LATCH from the lower anchors, push in on the red buttons and pull them off.

### ***Top Tether***

To remove, lift up on the tether lock to release the tension.

Press in on the hook's spring. Push tether hook in, then lift up and pull away from tether anchor.

## 9-B Choosing Vehicle Seat Location

*Review your vehicle owner's manual for seating locations.*

***The best seating location for this car seat is one that:***

- Is recommended by your vehicle owner's manual, and
- Results in a secure installation of this car seat

In the event there is no available back seat and / or you have no other option than to place a child in a front passenger seating position (other than rear-facing), the National Highway Traffic Safety Administration (NHTSA) recommends that you take the following steps:

- Ensure the child is properly restrained according to their age and size
- Move the seat as far back as possible
- Make sure the child is not leaning out of position, such as leaning forward into the deployment path of the air bag
- Set the air bag ON-OFF switch, if available, to the OFF position



## 9-C Unsafe Vehicle Seat Locations

Never install this car seat in any of the following vehicle seating locations:



rear-facing or side-facing  
vehicle seats



rear-facing with an  
active front air bag



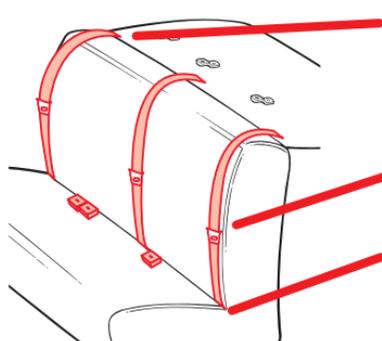
booster mode with vehicle  
lap belt only seat belt

## 9-D Vehicle Seat Belts

*Review your vehicle owner's manual for vehicle seat belt use*

This car seat can be installed using a vehicle seat belt. To do this, you will need to change the seat belt to a locked mode for use with car seats. With some vehicle seat belts, this is done with the latchplate; with other vehicle seat belts, this is done with the retractor.

### *Vehicle Seat Belt Terms*



#### **Retractor**

A device that winds up the unused vehicle seat belt. It is often hidden inside the panels on the walls of the vehicle or in the vehicle seatback.

#### **Latch Plate**

The male end of the seat belt with the silver tongue.

#### **Seat Bight**

The crease where the vehicle seat back and seat bottom meet.

## Identify Your Seat Belt Type

There are two different types of vehicle seat belts that can be used with this car seat:



### Lap/Shoulder Belt

3 connection points. Can be used in all car seats modes of use.



### Lap Belt Only

2 connection points. **Can ONLY be used in harness mode.**

The following types of vehicle seat belts **CANNOT** be used safely with this car seat:



Lap Belt with Motorized Shoulder Belt



Lap Belt or Shoulder Belt Mounted on Door

Belts Forward of the Seat Bight



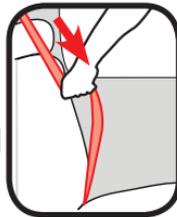
Some vehicles you may not get a secure fit. Read both your vehicle and car seat manuals.

## Lap/Shoulder Belt Installation - Rear-Facing/Forward Facing Modes

**Always review your vehicle owner's manual for specific information about your vehicle seat belts.**

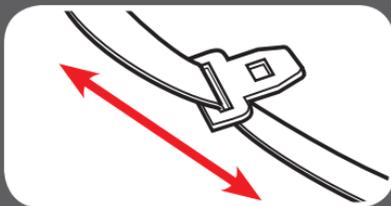
There are three types of retractors: **ELR (Emergency Locking Retractor)**, **ALR (Automatic Locking Retractor)**, and **Switchable (ELR switch to ALR)**. To determine your type of retractor, follow these steps:

1. **Slowly** pull the belt out about halfway and stop.
2. Let the belt retract back several inches.
3. Try to **slowly** pull the belt out more. If the belt cannot be pulled any further, it is **ALR**. If it can be pulled further, go to the next step.
4. **Slowly** pull the belt all the way out, and then allow it to retract several inches.
5. Try to pull the belt all the way out again. If it cannot be pulled out, it is **Switchable**. If it can still be pulled out freely, it is **ELR**.



**Note:** Most vehicles manufactured after 1996 will have Switchable retractors in the back seat. If you have any questions about your retractor type, consult your vehicle owner's manual or call Graco for assistance.

## How to Lock Your Lap and Shoulder Vehicle Seat Belt



### **Sliding Latch Plate and Switchable Retractor**

A latchplate that slides freely on the belt webbing and cannot, by itself, hold the belt snug around a car seat.

When installing the car seat, route the vehicle seat belt through the proper belt path and buckle it in. **Slowly pull the shoulder belt all the way out to switch it to locking mode.** Then, as you pull the vehicle seat belt tight, feed all the slack back into the retractor.

Grab the sides of the seat at the belt path and slide the seat side-to-side and front-to-back. The seat should not move more than 1" (2.5 cm).

**Note:** With the vehicle seat belt in this locking mode, all the tension is upwards in the shoulder belt. This may start to tilt your car seat sideways. If this happens, use a locking clip instead of this switching the retractor. See Sliding Latch Plate and ELR Retractor.

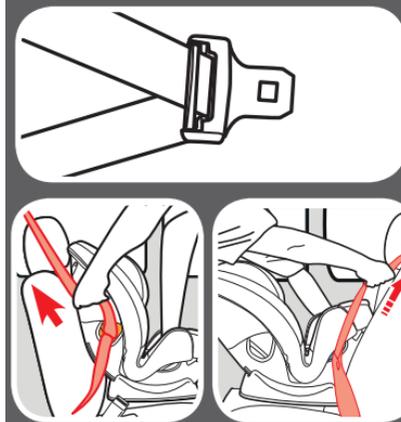
## ***Locking Latchplate and ELR Retractor***

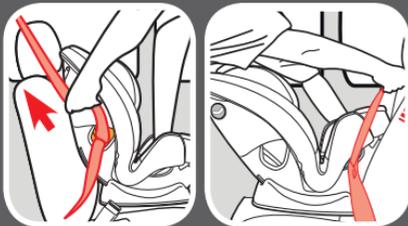
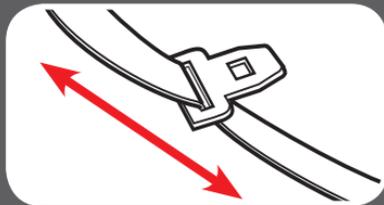
A latchplate that holds the lap belt snug after it has been adjusted; contains a metal bar on the underside of the hardware that “locks” the belt in position.

When installing the car seat, route the vehicle seat belt through the proper belt path and buckle it in. Then, pull upwards on the shoulder belt so that the lap belt gets tight around the car seat.

Grab the sides of the seat at the belt path and slide the seat side-to-side and front-to-back. The seat should not move more than 1” (2.5 cm).

**Note:** When using the SnugLock® lock-off, you do not need to switch the retractor. The SnugLock® lock-off locks the seat belt.





## ***Sliding Latch Plate and ALR Retractor***

A latchplate that slides freely on the belt webbing and cannot, by itself, hold the belt snug around a car seat.

**Slowly pull the shoulder belt all the way out.** Route the vehicle seat belt through the proper belt path and buckle it in. Then, as you pull the vehicle seat belt tight, feed all the slack back into the retractor.

Grab the sides of the seat at the belt path and slide the seat side-to-side and front-to-back. The seat should not move more than 1 inch (2.5 cm).

### **Sliding Latch Plate and ELR Retractor**

A latchplate that slides freely on the belt webbing and cannot, by itself, hold the belt snug around a car seat.

With this retractor, you will need to use the locking clip to lock the vehicle seat belt.

To get a locking clip order online at [gracobaby.com](http://gracobaby.com) or call 1-800-345-4109

Route the vehicle seat belt through the proper belt path and buckle it in. Pull the vehicle seat belt tight. While pushing down on seat, pinch the two straps together behind the buckle tongue. Unbuckle the belt without allowing it to slip.

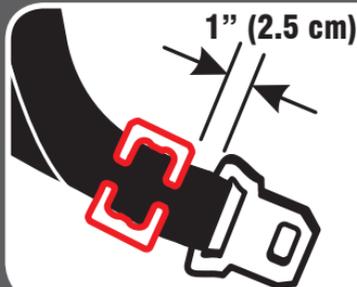
Attach locking clip to lap and shoulder belts as shown.

Rebuckle belt. Check that lap belt does not move by pulling hard. If belt loosens or lengthens, repeat procedure.

**Note:** When using the SnugLock® lock-off, you do not need to use the locking clip. The SnugLock® lock-off locks the seat belt.



**Locking Clip**

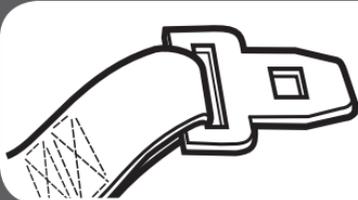


## Lap Belt Installation

**Always review your vehicle owner's manual for specific information about your vehicle seat belts.**



Grab the sides of the seat at the belt path and slide the seat side-to-side and front-to-back. The seat should not move more than 1" (2.5 cm).



### ***Locking Latch Plate and No Retractor***

When installing the car seat, route the lap seat belt through the proper path and buckle it in. Then, pull upwards on the tail of the belt so that the lap belt gets tight around the car seat.

### ***Sewn On Latch Plate and ALR***

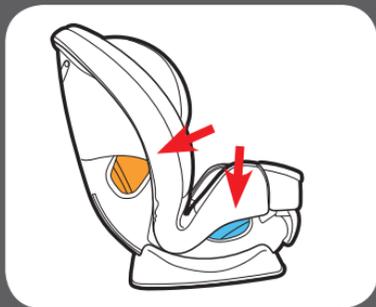
**Slowly pull the lap belt all the way out.** Route the vehicle seat lap belt through the proper belt path and buckle it in. Then, pull the lap belt tight while feeding all the slack back into the retractor.

## 9-E Aircraft Installation

This child restraint is certified for use in aircraft when using the harness system, and **ONLY** when not using the SnugLock® lock-off.

This child restraint is not certified for aircraft use when used as a booster seat because aircrafts do not have shoulder belts. **NEVER** use a vehicle lap-only belt across front of child.





## 1. Move the **LATCH Strap**

**Rear-Facing:** If installing rear-facing, move the LATCH strap to the forward-facing belt path marked with an orange label.

**Forward-Facing:** If installing forward-facing, move the LATCH strap to the rear-facing belt path marked with a blue label.

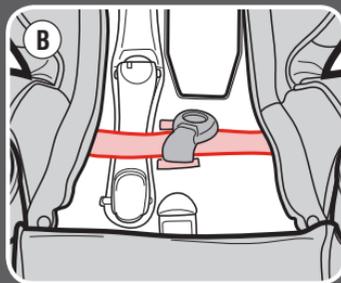
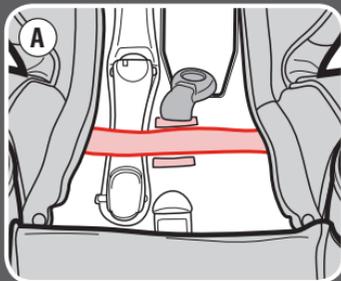
See section 8 to move LATCH strap.

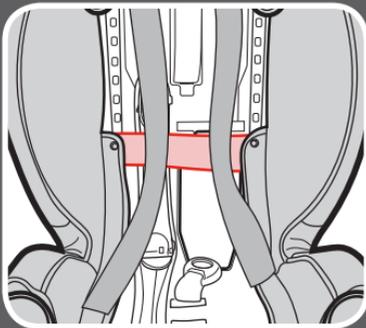
## 2. Route the Aircraft Seat Belt Over the SnugLock® Lock-off

Thread the aircraft seat belt through the belt path and out the other side. Buckle it. The seat belt should lie as flat as possible and not be twisted.

**Note:** It may be easier to route the aircraft seat belt by lifting seat pad up to expose the belt path.

**Rear-Facing:** Make sure the aircraft seat belt is **(A)** in front of the buckle strap when the buckle is in the inner-most position, and **(B)** in behind when in the outer-most position and that it is flat and is not twisted.





**Forward-Facing:** Make sure the aircraft seat belt is routed behind the harness strap, is flat, and is not twisted.

For complete rear-facing installation, see section 3-C on page 51, and for forward-facing installation, see section 4-C on page 77.

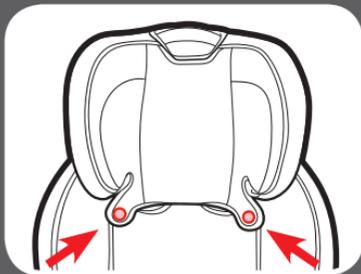
## 10-A Cleaning Rapid Remove Seat Pad

### ***Rapid Remove Head Support Cover***

Raise the headrest to the highest position.

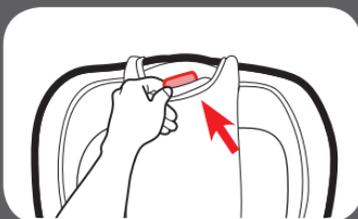


Undo the two snaps below the head support.

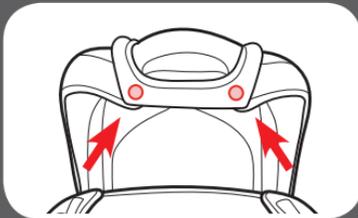


10 Care &  
Cleaning

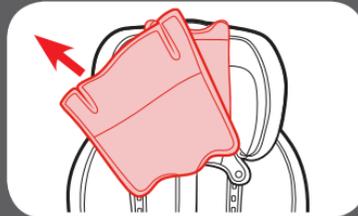
10 Care &  
Cleaning



Pull out the plastic tab below the headrest adjustment lever.



Undo the two snaps on the back of the headrest.



Remove the head support cover from the headrest.

Machine wash pad in cold water on delicate cycle and drip-dry. **DO NOT USE BLEACH.**

To put the head support cover back on, reverse preceding steps.

### ***Rapid Remove Headrest Cover***

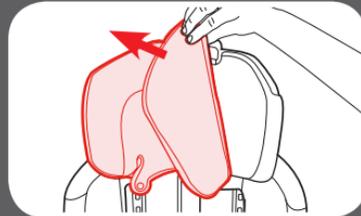
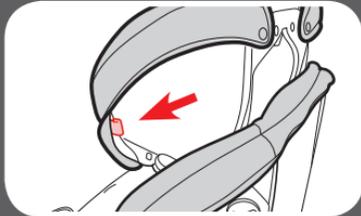
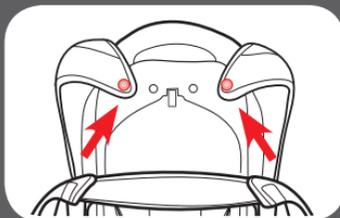
Undo the two snaps on the back of the headrest.

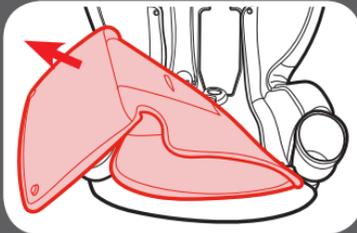
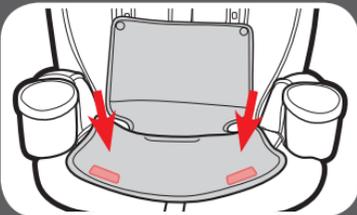
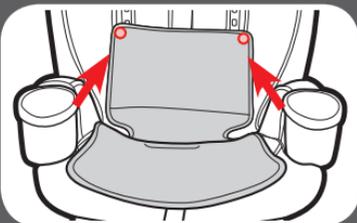
Detach the plastic clips on each side of the headrest.

Peel cover off head support.

Machine wash pad in cold water on delicate cycle and drip-dry. **DO NOT USE BLEACH.**

To put the headrest cover back on, reverse preceding steps.





### ***Rapid Remove Seat Pad***

Undo the two snaps.

Undo the two fastening strips at the front of the seat.

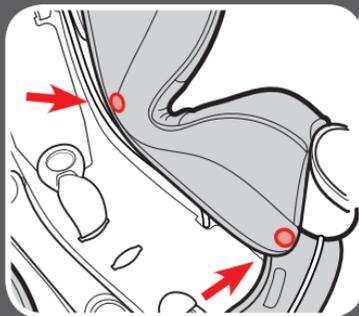
Remove the seat pad from the shell.

Machine wash pad in cold water on delicate cycle and drip-dry. **DO NOT USE BLEACH.**

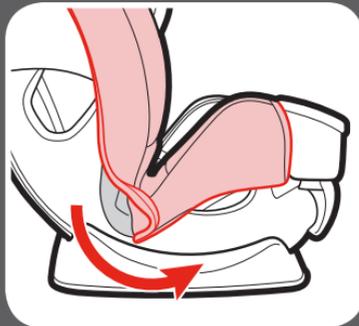
To put the seat pad back on, reverse preceding steps.

### ***Rapid Remove Side Pad***

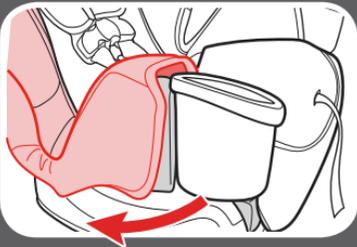
On each side of the seat, undo the snap near the forward-facing belt path and the snap at the front of the seat.



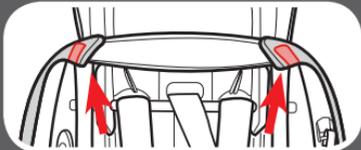
Undo the fabric below each lap belt guide.



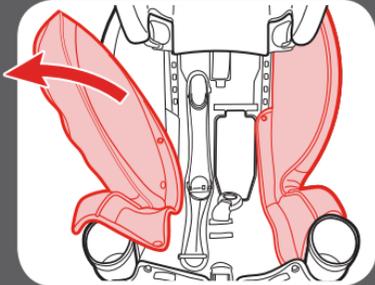
## 10 Care & Cleaning



Undo the armrest fabric behind each cup holder.



From the back of the seat, undo the two fastening strips.



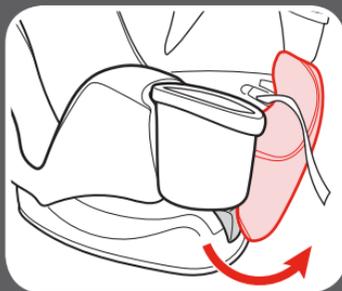
Remove the side pads from the shell.

Machine wash pad in cold water on delicate cycle and drip-dry. **DO NOT USE BLEACH.**

To put the side pad back on, reverse preceding steps.

### ***Rapid Remove Front Pad***

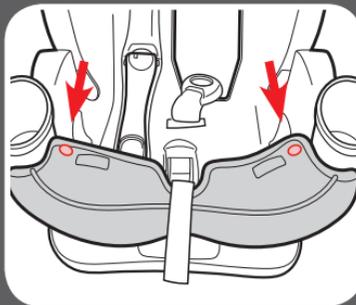
Undo the fabric below each cup holder.

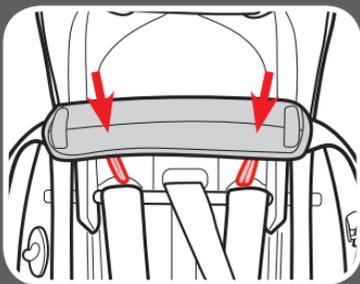


Undo the two snaps at the front of the seat and remove the front pad from the shell.

Machine wash pad in cold water on delicate cycle and drip-dry. **DO NOT USE BLEACH.**

To put the front pad back on, reverse preceding steps.





### ***Rapid Remove Rear Pad***

Undo elastic loops on the back of the seat.

Machine wash pad in cold water on delicate cycle and drip-dry. **DO NOT USE BLEACH.**

To put the rear pad back on, reverse preceding steps.

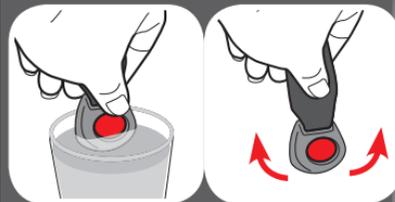
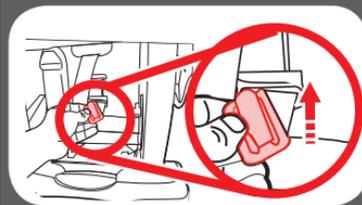
## 10-B Cleaning Crotch Buckle

Recline the car seat and locate the metal retainer. Rotate the metal retainer up through the shell and pad. From the front, pull the crotch buckle out.

To clean buckle, place in a cup of warm water and gently agitate the buckle. Press the red button several times while in the water.

**DO NOT SUBMERGE THE BUCKLE STRAP.** DO NOT USE SOAPS, HOUSEHOLD DETERGENTS or LUBRICANTS.

Shake out excess water and allow to air dry. Repeat steps as needed until it fastens with a click. Re-insert the buckle into the same slot it was removed. Pull up on crotch buckle to make sure it is secured.



**WARNING!** Inspect and clean buckle from time to time to remove any objects or debris that could prevent latching.



## 10-C Cleaning Harness and LATCH

Surface wash only with mild soap and damp cloth. **DO NOT IMMERSE THE HARNESS STRAPS or LATCH STRAP IN WATER** Doing so may weaken the straps. If harness straps or LATCH belt are frayed or heavily soiled, contact Customer Service at [www.gracobaby.com](http://www.gracobaby.com) or 1-800-345-4109.

# Notes

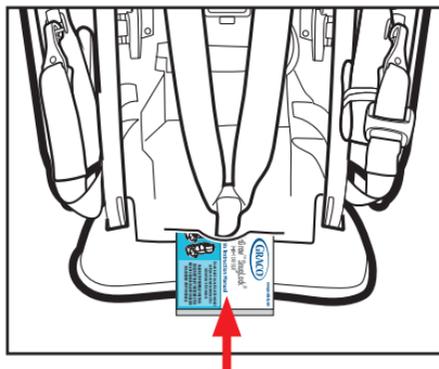
## Replacement Parts

To purchase parts or accessories in the United States, please contact us at the following:

**[www.gracobaby.com](http://www.gracobaby.com)**

**or**

**1-800-345-4109**



Store instruction manual  
in base as shown.