

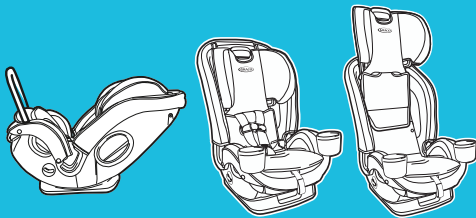


# True3Fit™ LX

3-IN-1 CAR SEAT

*featuring Anti-Rebound Bar*

## 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.**

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## 1-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. 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.

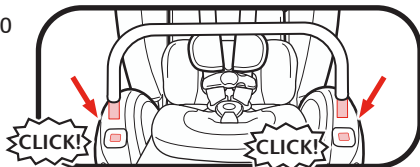
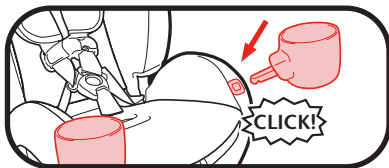
### ***Install Cup Holders OR Anti-Rebound Bar (Optional for Use)***

Insert the cup holders into either of the attachment points.

You will hear a **“CLICK”** when they are secured in place.

The Anti-Rebound Bar can only be inserted one way. Insert the ends of the Bar into the attachment points until it **“CLICKS”**.

**The Anti-Rebound Bar can ONLY be used in rear-facing mode and when not using the cup holders.**



## 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. For example, sometimes the center rear seat has a lap belt only vehicle seat belt, which cannot be used when this car seat is in Booster mode.

Review section 10-B, 10-C, 10-D of this manual AND your vehicle owner's manual.



1 Important

## **! WARNING!**



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

In the event there is no back seat, review your vehicle owner's manual to see how to use your infant child restraint.



1 Important

According to accident statistics, children are safer when properly restrained in the rear seating positions than in the front seating positions. The center of the back seat can be the safest during a possible side impact.



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

This car seat can be installed in your vehicle using either the vehicle seat belt **OR** the lower anchor attachment. Both are equally safe to use. **INSTALL USING ONLY ONE METHOD.**

Graco allows the securing of the car seat with the LATCH system in the booster mode, only if the vehicle manufacturer allows it. If securing the car seat with the lower anchor connectors in booster mode, the tether **MUST** be used. The child still **MUST BE SECURED** with the vehicle lap/shoulder seat belt.

**Vehicle Seat Belt:** Review section 10 and your vehicle owner's manual to learn how to install your car seat with the vehicle seat belts.

**LATCH or Lower Anchor Attachment:** The LATCH system or Lower Anchor Attachment 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.

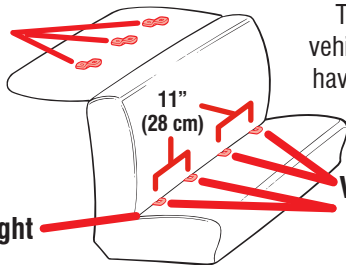


## What is LATCH?

LATCH consists of lower anchors and a tether anchor, which are built into your vehicle, and a lower anchor attachment and a tether that are built into your car seat. The lower anchor attachment is used **INSTEAD** of the vehicle's seat belt to secure the child seat to the vehicle. The tether is used **IN ADDITION** to the lower anchor attachment **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's Tether Anchor**



**Vehicle Seat Belt**

Typical seat in a passenger vehicle. Other vehicle types may have different lower anchor and tether anchor locations.

**Vehicle's Lower Anchor**



**1 Important**



**1** Important

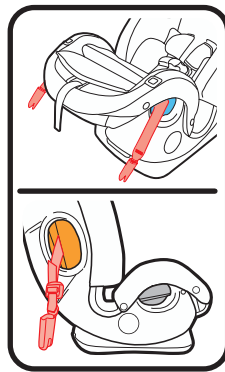
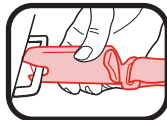
## When Installing Rear-Facing or Forward-Facing

### Lower Anchor Attachment

The lower anchor attachment consists of lower anchors, which are built into your vehicle, and lower anchor connectors that are built in your car seat.

Review section 4-C, 5-C of this manual AND your vehicle owner's manual before installing.

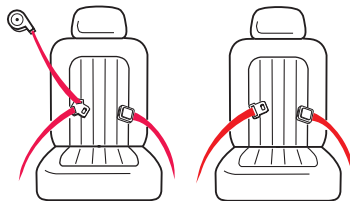
**Lower anchor attachment can ONLY be used if the vehicle lower anchor spacing is 11 inches (28 cm) from the center of one lower anchor to the center of the other lower anchor.**



### Vehicle Seat Belt

There are two types of vehicle seat belts that can be used. Lap/Shoulder Seat Belt or Lap Only Seat Belt.

Review section 4-B, 5-B and 10 of this manual AND your vehicle owner's manual before installing.

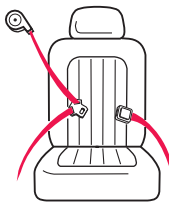


## ***When Installing As a Booster***

### **Vehicle Seat Belt**

Only use the Lap/Shoulder seat belt configuration.

Review section 7-B, 7-C & 10 of this manual AND your vehicle owner's manual.



**1** Important

## Does Your Car Seat Fit Your Child Correctly?

To make sure your child is secured properly, review sections 4, 5, 6, and 7 to understand all of the actions you need to take to properly adjust the car seat to fit your child.

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

#### Harness Height, Rear-Facing

Harness straps at or just below the child's shoulders (A). Top of head must be 1" (2.5 cm) below the headrest adjustment lever (B).

Review section 6.

#### Harness Height, Forward-Facing

Harness straps at or just above the child's shoulders (C) and top of child's ears below top of headrest (D).

Review section 6.

#### Buckle Position (E)

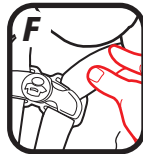
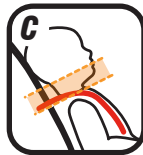
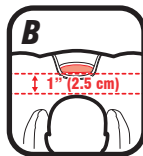
The correct slot is the one that is closest to your child without being underneath them. For forward-facing, do NOT use inner-most slot.

Review section 6.

#### Harness Tightness (F)

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

Review section 6.



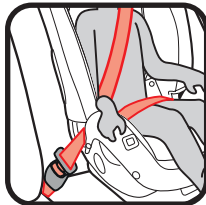
## ***For Booster, You Need to Adjust:***

### **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.



**1** Important

## Did You Do Everything Correctly?

### Rear-Facing Installation

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

Review section 4

**Level Indicator's Ball in the Blue Zone (B)**

Review section 4

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

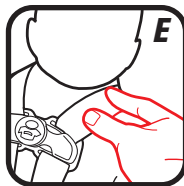
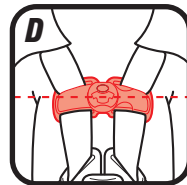
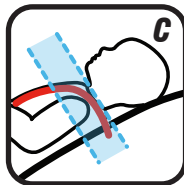
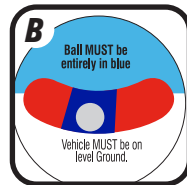
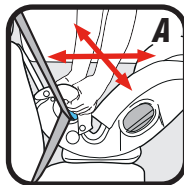
Review section 6.

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

Review section 6

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

Review section 6

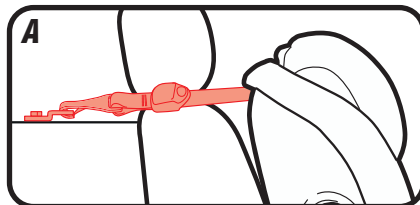


## Forward-Facing Installation

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

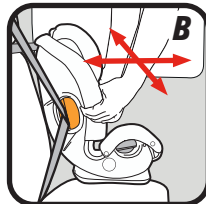
When used properly, the tether helps reduce injury in a sudden stop or crash.

Review section 5



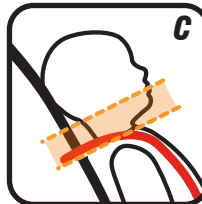
### Car Seat Does Not Move More than 1" (2.5 cm) at the Belt Path (B)

Review section 5



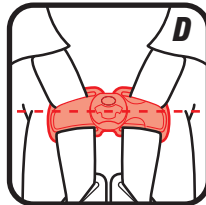
### Harness Straps at or Just Above Child's Shoulders (C)

Review section 6



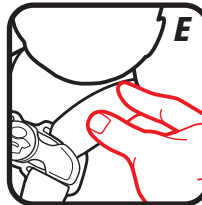
### Chest Clip Even With Armpits (D)

Review section 6



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

Review section 6



1 Important



**1** Important

## ***Booster Installation***

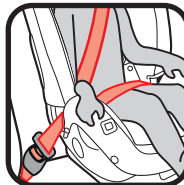
### **Never Use Lap Belt Only**

Review section 7



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

Review section 7



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

Review section 7





## 1-B Welcome to the Graco Family!

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 the steps below are performed correctly.



**1** Important



**1** Important

## 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)
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### 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 highback booster  
mode. Over 65 lb (30 kg) **MUST** be in booster mode.\*

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

# 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>.



**1** Important



**Important**

**1**

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)

## 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 only when used with the internal harness system. Use only on forward-facing aircraft seats. Follow the instructions for vehicle installation. For rear-facing installation, see section 4-B and 10-D Lap Belt Installation. For forward-facing installation, see section 5-B and 10-D Lap Belt Installation, but do not use tether. You do not need to use the rebound bar in the aircraft.



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

Contact the airline for their specific policies.

## 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.



**1** Important

### *Vehicle Seat Protection*

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



**1** Important

### *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-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.



**! 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.



**1** Important



**1 Important**


- ! 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.**
- ! 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 lower anchor attachment that is properly routed as shown in this manual.**
- ! 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 10-D and your vehicle owner's 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.





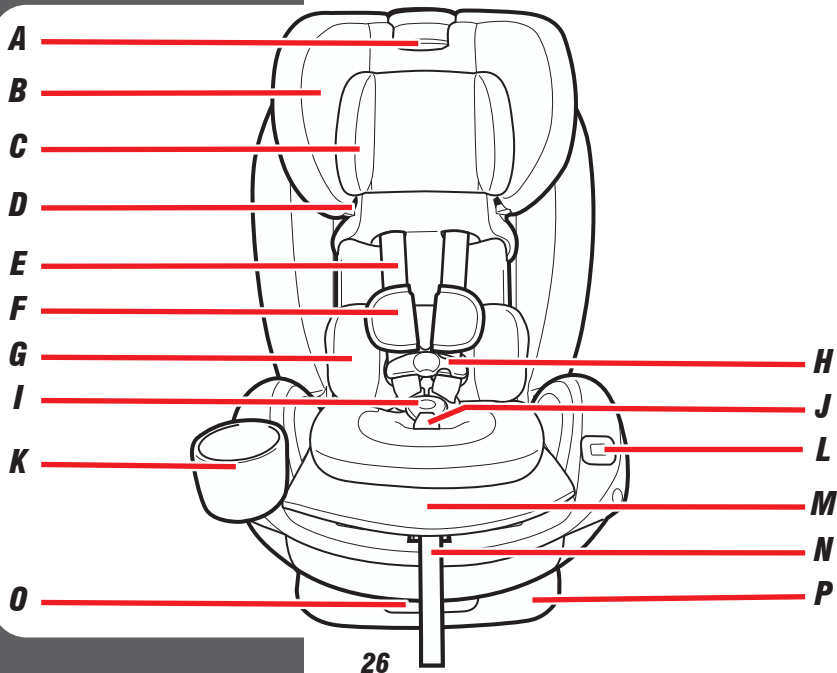
**1** Important

- ! Always secure car seat with lower anchor attachment 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 except for a thin towel or mat to protect your vehicle seat or rolled towels or pool noodles to help get your car seat level. 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, lower anchor 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 lower anchor connectors to one vehicle lower anchor point unless specifically allowed by the vehicle manufacturer.**
- ! Do not use both the vehicle seat belt and lower anchor attachment at the same time when using the car seat with the 5-point harness.**

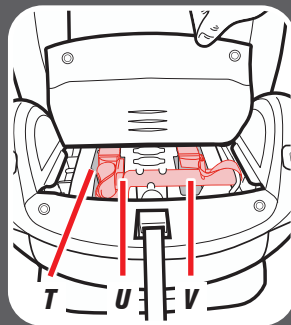
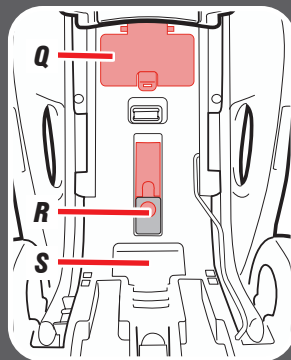
## 2-A Features



2 Features

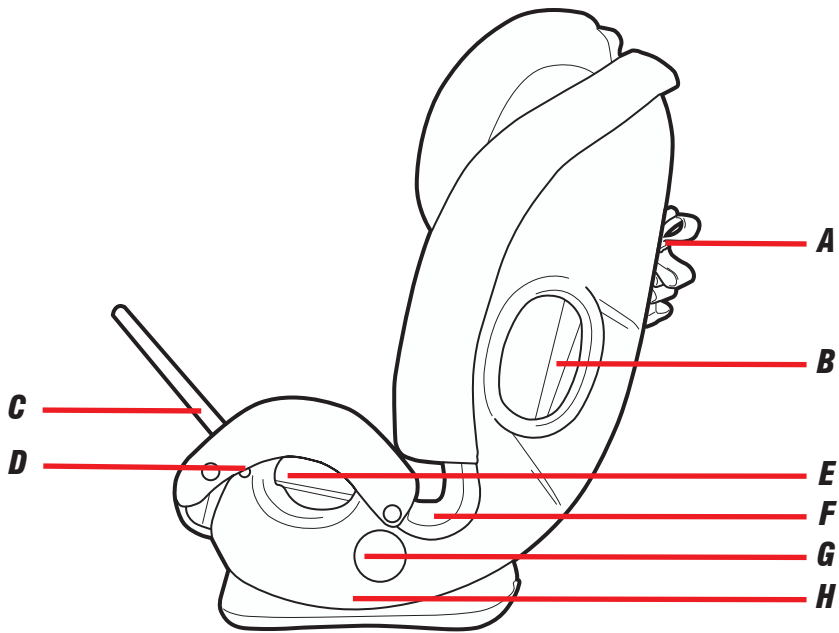


- A** Headrest/Harness Height Adjustment Lever
- B** Headrest
- C** Infant Head Support
- D** Booster Shoulder Belt Guide
- E** Harness Straps
- F** Harness Covers
- G** Infant Body Support
- H** Chest Clip
- I** Buckle
- J** Buckle Strap
- K** Cup Holders
- L** Anti-Rebound Bar/Cup Holder Slots
- M** Harness Adjustment Lever  
(Under Seat Pad)
- N** Harness Adjustment Strap
- O** Recline Handle
- P** Seat Base
- Q** Harness Storage
- R** Belt Lock-Off  
(Under Seat Pad)
- S** Buckle Storage
- T** Lower Anchor Attachment Storage  
(Under Seat Pad)
- U** Lower Anchor Adjuster
- V** Lower Anchor Strap





## 2 Features



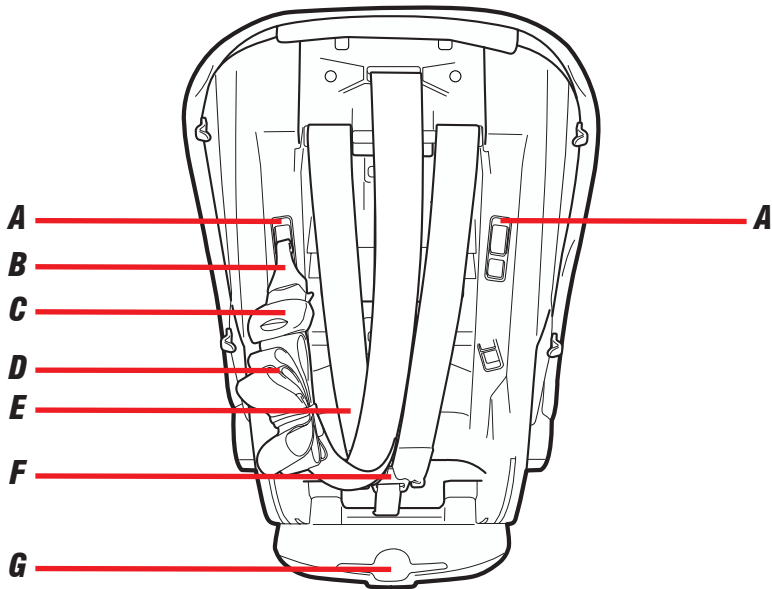
- A Tether Strap**
- B Forward-Facing Belt Path**
- C Anti-Rebound Bar**
- D Anti-Rebound Bar /Cup Holder Release Button**
- E Rear-Facing Belt Path**
- F Booster Lap Belt Path**
- G Level Indicator**
- H Recline Position Indicator**



**2** Features



## 2 Features



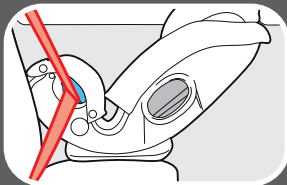
- A Tether Storage**
- B Tether Hook**
- C Tether Strap Extender**
- D Tether Strap**
- E Harness Straps**
- F Splitter Plate**
- G Instruction Manual Storage**



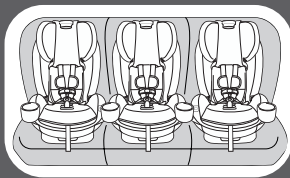
## 2 Features

## 3 Three-Across Installation Tips & Tricks

### 3-A Getting Started



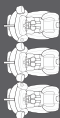
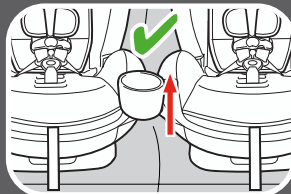
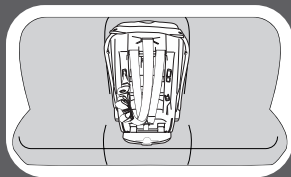
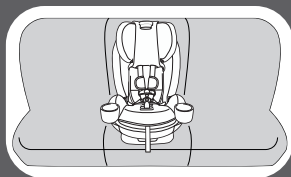
*Vehicle Seat Belt*



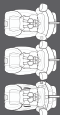
- For the best 3-across fit, install with the vehicle seat belt instead of the lower anchor attachment.
  - The lower anchor attachment fixes the car seat to a designated location, making it difficult to adjust when installing three car seats across.
  - Many vehicles do not have lower anchors for all three seating positions.
- Position and buckle the vehicle seat belts for all three car seats to determine the best fit before installing each car seat.
  - If you are having difficulty accessing the buckles, shift the car seat out of the designated seating position then route the vehicle seat belt through the belt path and buckle the seat belt. Once buckled, properly position the car seat



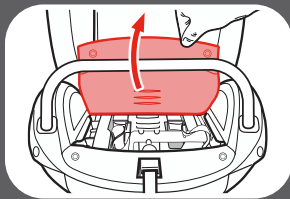
- Install the center car seat first. This ensures the most stability across all seats.
- Place the rear-facing car seat in the center to provide the best fit across your vehicle.
- If the cup holders are interfering with installing the seats side-by-side, remove a cup holder from one of the seats for a better fit.



**3-A**  
**Getting**  
**Started**

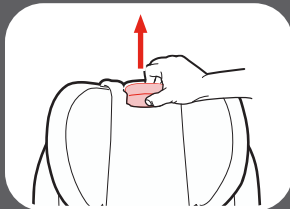


## 3-B Tips for Each Mode of Use



### Rear-Facing

- To easily access the belt path, lift the seat pad.



### Forward-Facing

- To easily access the belt path, move the headrest to the top position.

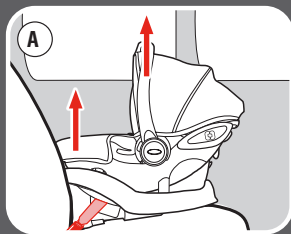


### Highback Booster

- Use seating locations with vehicle seat belt buckles that are easy to access.

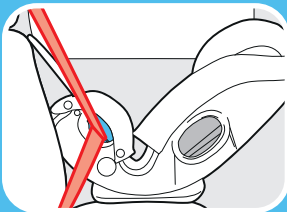
## 3-C Three-Across Checklist

- Car seats can touch, but should not overlap. Make sure the base and seat are touching the vehicle seat firmly when installed.
- Car seat should not move more than 1" at the belt path and each seat should be independently secure.
- If using an infant car seat **(A)** next to the True3Fit™ LX, ensure that the infant carrier is attached into the base at all four attachment locations each time you install the carrier into the base. To check this, listen for the 'click' and lift up on the carrier to verify that both sides of the base are attached and are not caught on the seat beside it.

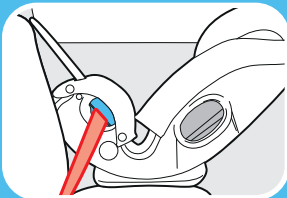


**3-C**  
Three-Across  
Checklist

## 4-A Rear-Facing Use



**Vehicle Seat Lap/  
Shoulder Belt**



**Vehicle Seat Lap Belt**

Visit [www.gracobaby.com](http://www.gracobaby.com)  
and the Graco® True3Fit™  
LX ft. Anti-Rebound Bar  
car seat product page to  
view installation videos.

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



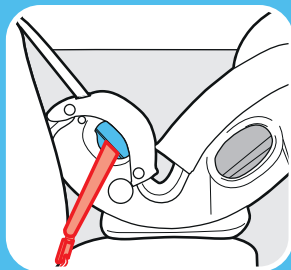
- Infants who weigh less than 22 lb (10 kg) **MUST be rear-facing.**
- Place car seat rear-facing in the vehicle back seat.
- Make sure lower anchor strap or vehicle seat belt is routed through the rear-facing belt path marked with a blue label.
- Install this car seat tightly in your vehicle. Car seat **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. Vehicle **MUST** be on level ground.
- Harness straps need to be **at or just below** the top of child's shoulders and chest clip is at **armpit level.**

- The Anti-Rebound Bar can **ONLY** be used in rear-facing mode.
- **Do not carry** the car seat by holding onto the Anti-Rebound Bar.
- The infant Head and Back Supports can only be used Rear-Facing for children weighing less than 20 lb (9 kg).
- Recheck the level indicator with child in seat.
- 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.



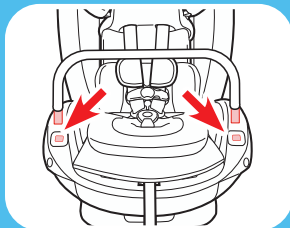
***Lower Anchor Attachment***



**4-A Rear Facing**

## 4-B Install Rear-Facing with Vehicle Seat Belt

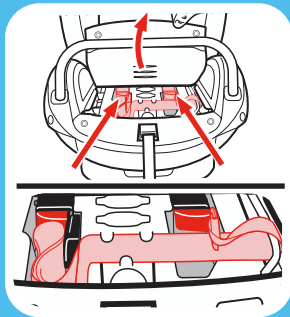
See section 10-D for additional vehicle seat belt installation information.



### 1. Attach Anti-Rebound Bar (Optional)

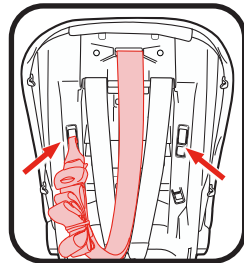
The Anti-Rebound Bar can only be inserted one way. Insert the ends of the Bar into the holes on the front of the seat until it **CLICKS**. If it does not easily **CLICK** into place, flip it over and reinsert the Bar until it **CLICKS**.

The Anti-Rebound Bar can **ONLY** be used in rear-facing mode.



### 2. Store Tether Strap and Lower Anchor Attachment in Storage Locations

Attach tether hook to the plastic bar on either side of the car seat. Lift seat pad and store lower anchor strap and connectors in the storage location as shown.



4-B Rear Facing with Seat Belt

### 3. Recline the Car Seat

Pull out the handle on the front of the car seat and adjust to one of the two rear-facing car seat positions.



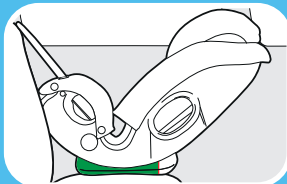
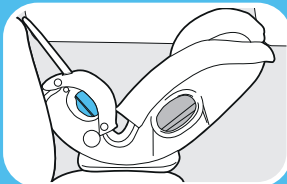
### 4. Place Car Seat Rear-Facing in Back Seat of the Vehicle

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

### 5. Make Sure Base is a minimum of 80% on Vehicle Seat.

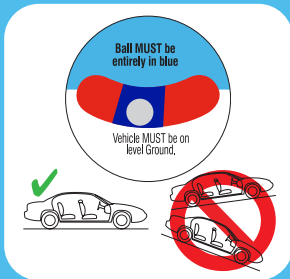


Visit [www.gracobaby.com](http://www.gracobaby.com) and the Graco® True3Fit™ LX ft. Anti-Rebound Bar car seat product page to view installation videos.

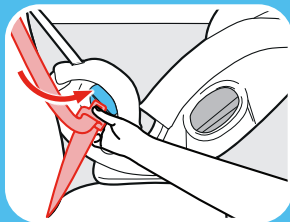


  
**4-B**  
Rear Facing  
with Seat Belt

## 4-B Rear Facing with Seat Belt



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



## **6. Check the Level Indicator**

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

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.

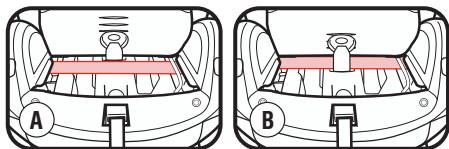
## **7. Route the Vehicle Seat Belt**

Thread vehicle seat belt through the rear-facing belt path (marked with a blue label) 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 vehicle seat belt by lifting seat pad up to expose the belt path.

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

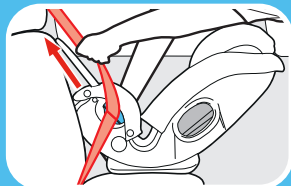
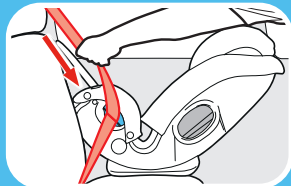
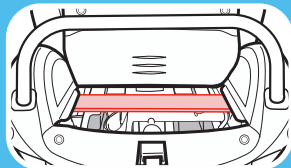
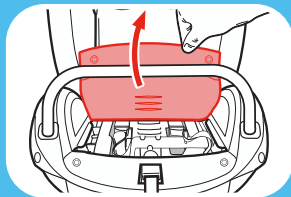


### 8. Lock Vehicle Seat Belt

In most vehicles today, slowly pull the shoulder belt all the way out and then let it go back in. You will hear a clicking sound. Slowly pull out on the belt and it should be locked. If not, review your car's owner manual and section 10-D.

### 9. Tighten the Vehicle Seat Belt

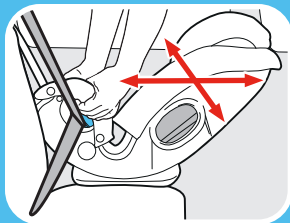
Press down firmly in the center of the car seat. Pull on the shoulder belt to tighten while feeding the slack back in the retractor.



  
**4-B**  
Rear Facing  
with Seat Belt



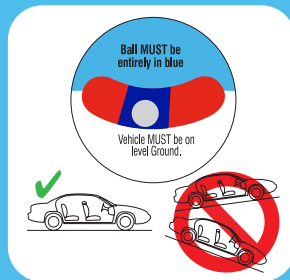
## 4-B Rear Facing with Seat Belt



### 10. **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.



### 11. **Check the Level Indicator**

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

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-A to secure your child.**

Recheck the level indicator with child in seat.

## Is Everything Correct?

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

**Level Indicator's Ball in the Blue Zone and Vehicle on Level Ground**



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

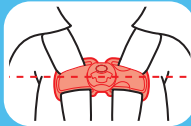
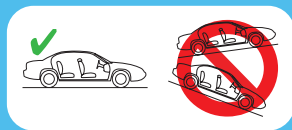
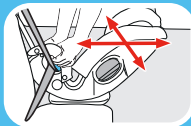
Review section 6

**Chest Clip Even With Armpits**

Review section 6

**Cannot Pinch Harness Straps at the Shoulder**

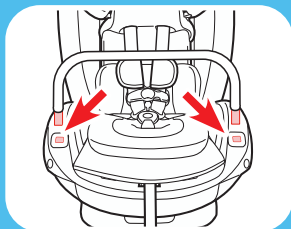
Review section 6



**4-B**  
Rear Facing  
with Seat Belt

## 4-C Install Rear-Facing with Lower Anchor Attachment

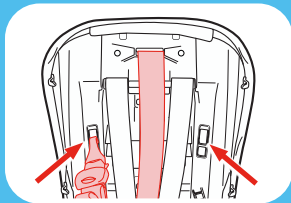
*Review your vehicle's owner manual for Lower Anchor location and use.*



### 1. Attach Anti-Rebound Bar (Optional)

The Anti-Rebound Bar can only be inserted one way. Insert the ends of the Bar into the holes on the front of the seat until it **CLICKS**. If it does not easily **CLICK** into place, flip it over and reinsert the Bar until it **CLICKS**.

**The Anti-Rebound Bar can ONLY be used in rear-facing mode.**

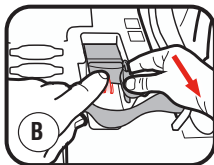
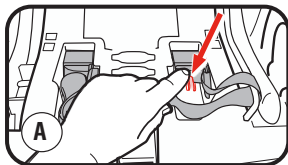


### 2. Store Tether Strap

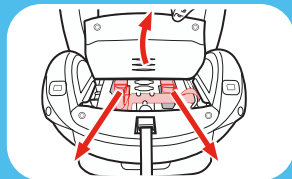
Attach tether hook to the plastic bar on either side of the car seat.

### 3. Remove Lower Anchor Attachment from Storage Location

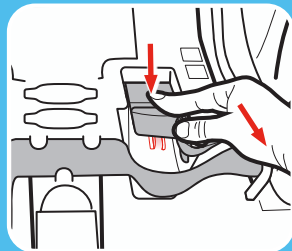
First, lift the seat pad to expose the lower anchor connectors. Next, push down on the tab on the seat in front of the lower anchor connector (A). While holding down on the tab, pull on the lower anchor strap to clear the tab and then continue pulling to release the lower anchor connector from storage (B). Repeat on the other side.



**Tip:** To help in the removal of the lower anchor connector, press down on the lower anchor connector while pulling on the lower anchor strap.

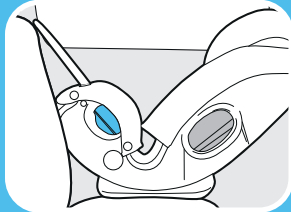
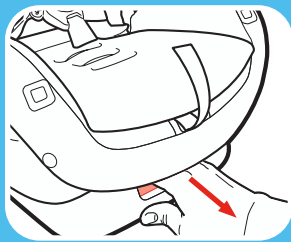
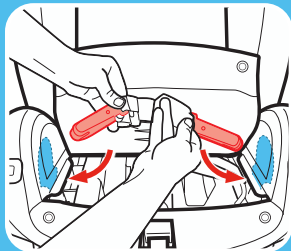


Visit [www.gracobaby.com](http://www.gracobaby.com) and the Graco® True3Fit™ LX ft. Anti-Rebound Bar car seat product page to view installation videos.



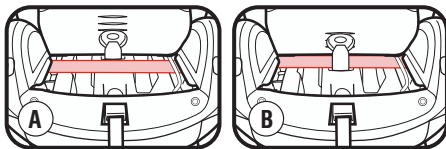
**4-C**  
Rear Facing  
with Lower Anchor  
Attachment

**4-C**  
**Rear Facing**  
with Lower Anchor  
Attachment



**4. Push the Lower Anchor Connectors Out Through the Rear-Facing Belt Path Openings on Each Side of Car Seat**

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



**5. Recline the Car Seat**

Pull out the recline handle on the front of the car seat and adjust to one of the two rear-facing car seat positions.



**6. 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 anchors. The base should sit as flat as possible on the vehicle seat.

### 7. Make Sure Base is a minimum of 80% on Vehicle Seat.



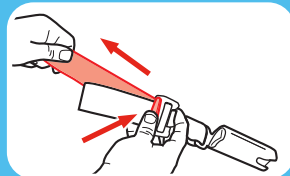
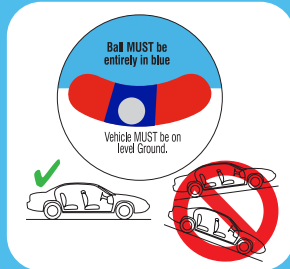
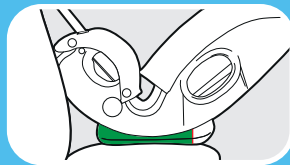
### 8. Check the Level Indicator

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

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.

### 9. Extend the Lower Anchor Strap

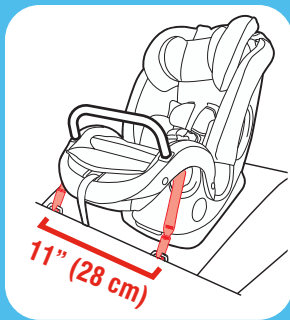
For easier installation, extend the lower anchor strap to its maximum length by pressing the grey button and pull out on the strap.



**4-C**

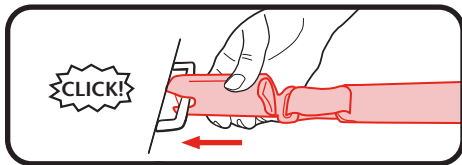
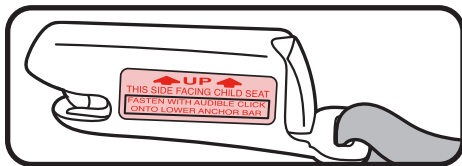
**Rear Facing**  
with Lower Anchor  
Attachment

**4-C**  
**Rear Facing**  
with Lower Anchor  
Attachment



**10. Connect the Lower Anchor Connectors to Vehicle's Lower Anchors**

Make sure that the arrows are pointing up.



Lower anchor strap should not be twisted. If twisted, you will not be able to tighten the strap.

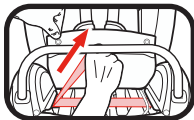
**Lower anchor connectors can only be used if the vehicle lower anchor spacing is 11 inches (28 cm) from the center of one lower anchor to the center of the other lower anchor.**



## 11. Tighten the Lower Anchor Strap

Press down firmly in the center of the car seat while tightening the lower anchor strap.

You may need to tighten the lower anchor strap through the rear-facing belt path to get a tight fit.



## 12. Test For Tightness

Grab the sides of the seat where the lower anchor 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.

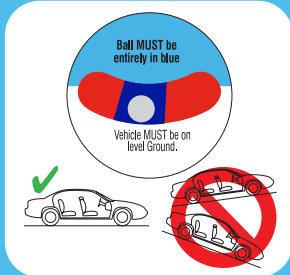
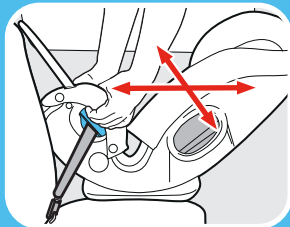
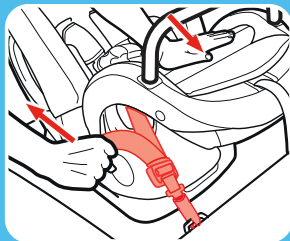
## 13. Check the Level Indicator

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

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-A to secure your child.**

Recheck the level indicator with child in seat.

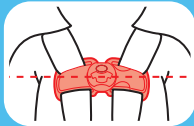
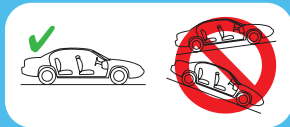
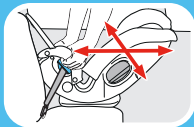


**4-C**  
Rear Facing  
with Lower Anchor  
Attachment

**4-C**  
Rear Facing  
with Lower Anchor  
Attachment



**Is Everything Correct?**



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

**Level Indicator's Ball in the Blue Zone 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

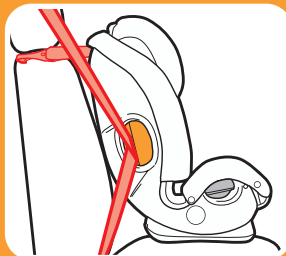


## 5-A Forward-Facing Use

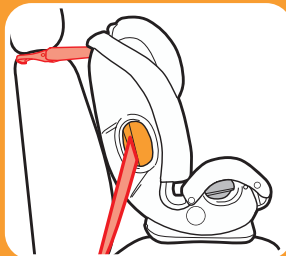
**Forward-Facing:  
22-65 lb (10-30 kg)  
49" (125 cm) or less**



- Place car seat forward-facing in the vehicle back seat.
- Make sure lower anchor 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.
- Harness straps need to be **at or just above** the top of child's shoulders and chest clip is at **armpit level**.
- **DO NOT USE** the inner-most crotch buckle slot when forward-facing.
- When forward-facing, harness covers **MUST be used** if the child weighs 25 lb (11 kg) or less. The rubberized side should lay against the child.



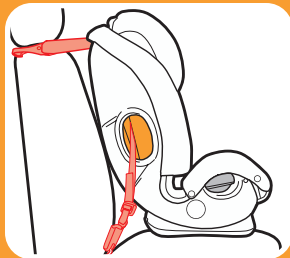
**Vehicle Lap/Shoulder Belt with Tether**



**Vehicle Seat Lap Belt with Tether**

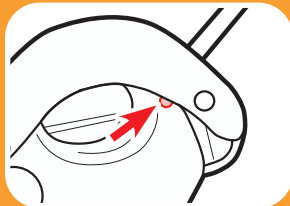


## 5-A Forward-Facing



### **LATCH**

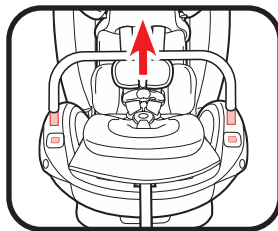
***Do not install by this method for a child weighing more than 45 lb (20 kg)***



- **DO NOT** use the Anti-Rebound Bar in forward-facing mode. The Anti-Rebound Bar can **ONLY** be used in rear-facing mode.
- 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.

### **Removing the Anti-Rebound Bar**

Push the buttons on each side of the car seat to release each side of the Anti-Rebound Bar.



## 5-B Install Forward-Facing with Vehicle Seat Belt



### 5-B Forward-Facing with Seat Belt

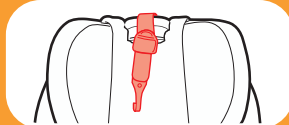
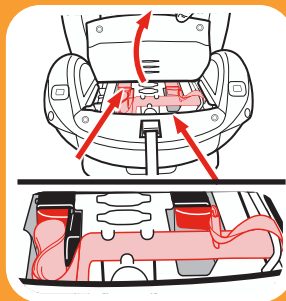
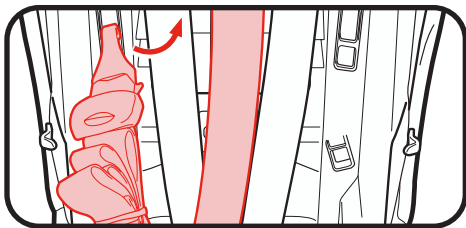
See section 10-D for additional vehicle seat belt installation information.

#### 1. Store Lower Anchor Attachment in Storage Location

Lift seat pad and store lower anchor strap and connectors in the storage location as shown.

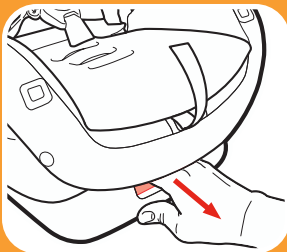
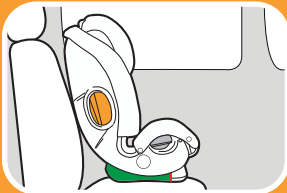
#### 2. Unhook Tether From Storage

Unhook tether and lay it in the seat.



Visit [www.gracobaby.com](http://www.gracobaby.com) and the Graco® True3Fit™ LX ft. Anti-Rebound Bar car seat product page to view installation videos.

## 5-B Forward-Facing with Seat Belt



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

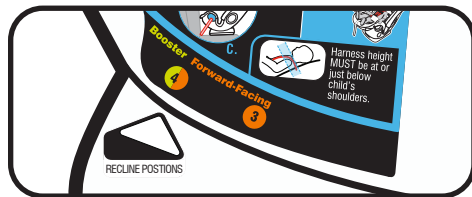
Place forward-facing in vehicle seat. The base should sit as flat as possible on the vehicle seat.

### 4. Make Sure Base is a minimum of 80% on Vehicle Seat



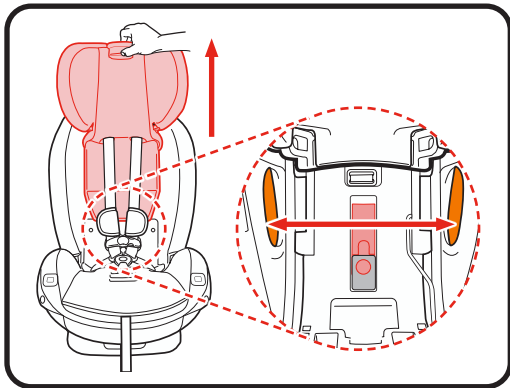
### 5. Recline the Car Seat

Pull out the recline handle on the front of the car seat and adjust to one of the two forward-facing car seat positions.



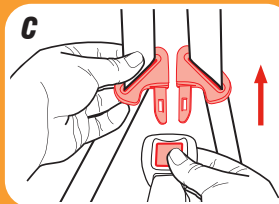
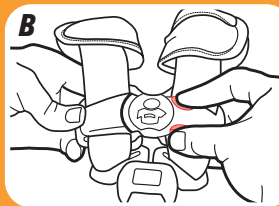
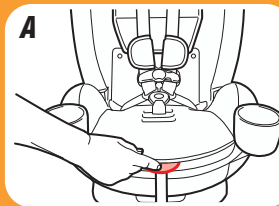
## 6. Raise the headrest to the highest position

Squeeze the headrest/harness height adjustment lever and lift the headrest to the highest position to expose the belt path.



## 7. Expose the Belt Lock-Off

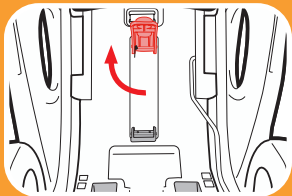
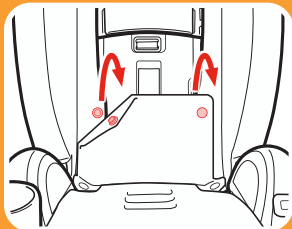
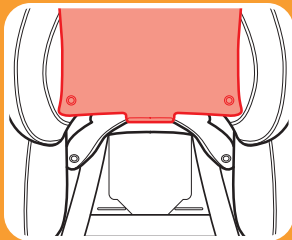
- A. Loosen the harness straps.
- B. Unbuckle the chest clip.
- C. Unbuckle the buckle.





## Forward-Facing with Seat Belt

### 5-B



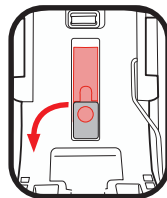
**D.** Lift the headrest pad flap up out of the way.

**E.** Unsnap upper seat pad to expose the belt lock-off.

### **8. Open the Belt Lock-Off**

Hold the upper (red) latch in position, then flip down the lower (grey) tab.

Release the upper latch.





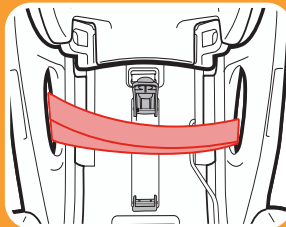
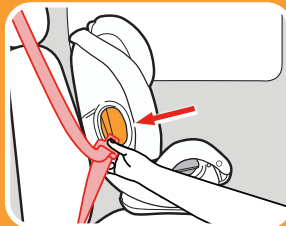


## 5-B Forward-Facing with Seat Belt

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

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

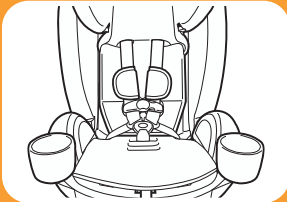
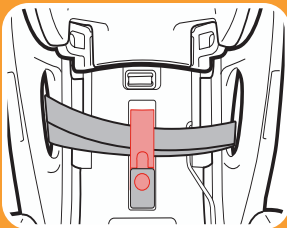
Thread vehicle seat belt through the forward-facing belt path (marked with an orange label), through the lock-off, and out the other side. Buckle the seat belt. The seat belt should lie as flat as possible and not be twisted.





Forward-Facing  
with Seat Belt

5-B



## 10. Tighten the Vehicle Seat Belt

Press down firmly in the center of the car seat. Pull on the shoulder belt to tighten. When the belt is tight, close and lock the lock-off on top of the vehicle seat belt.

Make sure the lap and shoulder belt are both routed under the lock-off.

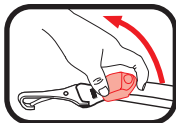
**Note:** When using the lock-off, you do not need to switch the retractor. The lock-off locks the seat belt.

## 11. Replace the Seat Pad

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

## 12. **Attach Tether Strap**

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



Consult vehicle's owner manual for specific location.

## 13. **Tighten Tether Strap**

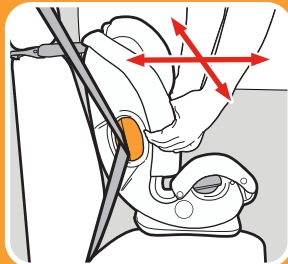
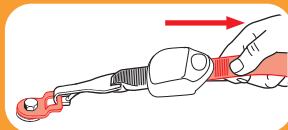
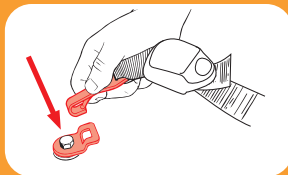
Push the car seat back while tightening the tether strap to remove all the slack.

## 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.**

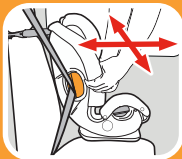


**5-B**  
Forward-Facing  
With Seat Belt



## 5-B Forward-Facing with Seat Belt

### 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

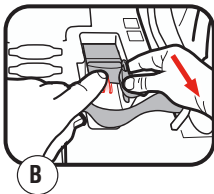
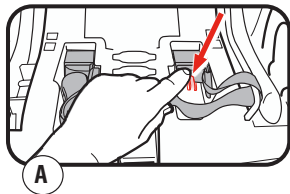


## 5-C Install Forward-Facing with LATCH

*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).*

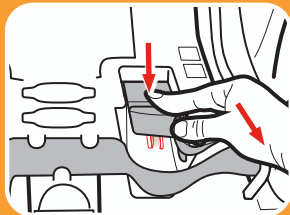
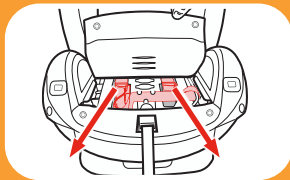
### 1. Remove Lower Anchor Attachment from Storage Location

First, lift the seat pad to expose the lower anchor connectors. Next, push down on the tab on the seat in front of the lower anchor connector (A). While holding down on the tab, pull on the lower anchor strap to clear the tab and then continue pulling to release the lower anchor connector from storage (B). Repeat on the other side.

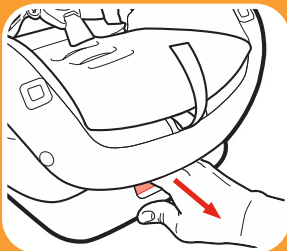
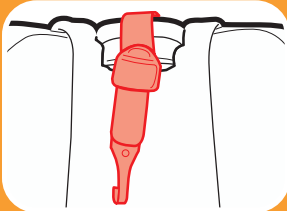
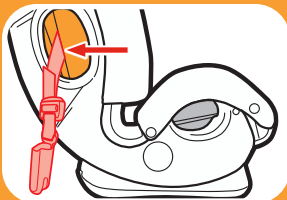


**Tip:** To help in the removal of the lower anchor connector, press down on the lower anchor connector while pulling on the lower anchor strap.

Visit [www.gracobaby.com](http://www.gracobaby.com) and the Graco® True3Fit™ LX ft. Anti-Rebound Bar car seat product page to view installation videos.



## 5-C Forward-Facing with LATCH

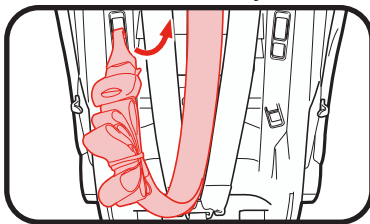


### 2. **Make Sure Lower Anchor Strap is in the Forward-Facing Belt Path Marked with Orange Label**

To move the lower anchor strap, review section 8.

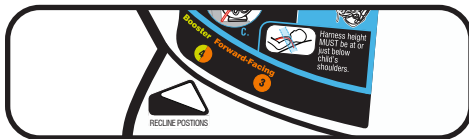
### 3. **Unhook Tether Strap From Storage**

Unhook tether and lay it in the seat.



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

Pull out the handle on the front of the car seat and adjust to one of the two forward-facing car seat positions.



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

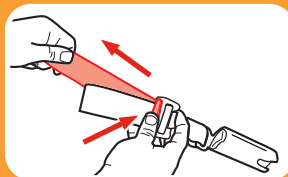
Place forward-facing in vehicle seat and center the car seat between the lower anchors. The base should sit as flat as possible on the vehicle seat.

## 6. Make Sure Base is a minimum of 80% on Vehicle Seat.



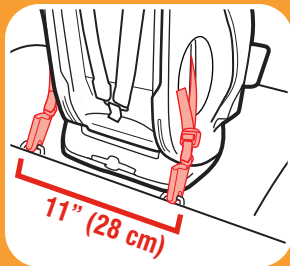
## 7. Extend the Lower Anchor Strap

For easier installation, extend the lower anchor strap to its maximum length by pressing the grey button and pull out on the strap.



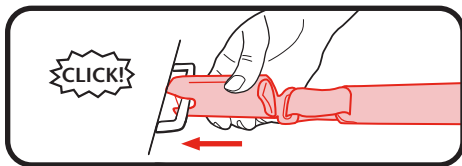
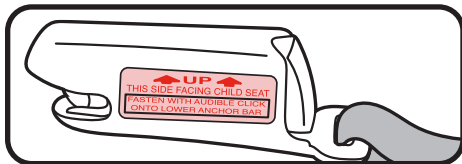
  
**5-C** Forward-Facing  
with LATCH

5-C Forward-Facing  
with LATCH



## 8. Connect the Lower Anchor Connectors to Vehicle's Lower Anchors

Make sure the arrows are pointing up.



Lower anchor strap should not be twisted. If twisted, you will not be able to tighten the strap.

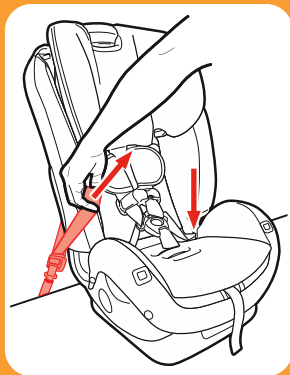
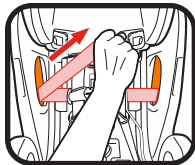
**Lower anchor connectors can only be used if the vehicle lower anchor spacing is 11 inches (28 cm) from the center of one lower anchor to the center of the other lower anchor.**



### 9. **Tighten the Lower Anchor Strap**

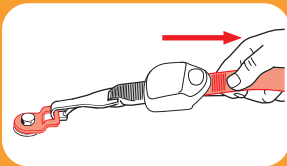
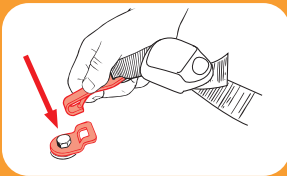
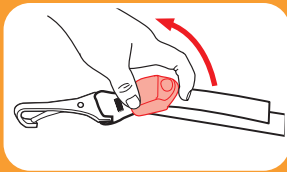
Press down firmly in the center of the car seat while tightening the lower anchor strap.

You may need to tighten the lower anchor strap through the forward-facing belt path to get a tight fit.



**5-C** Forward-Facing  
with LATCH

  
**5-C Forward-Facing**  
with LATCH



**10. Attach Tether Strap**

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

Consult vehicle's owner manual for specific location.

**11. Tighten Tether Strap**

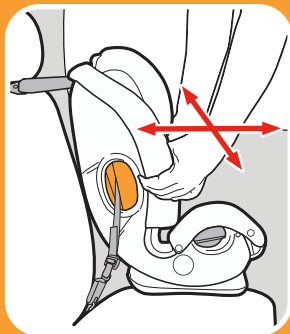
Remove all the slack.

## 12. Test For Tightness

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

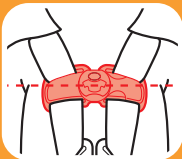
If the seat moves less than 1" (2.5 cm), it is tight enough.

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



**5-C** Forward-Facing  
with LATCH

**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



## 6 Securing Child 5-Point Harness

# 6-A Securing Child 5-Point Harness

## ! WARNING!

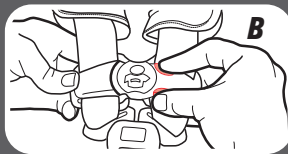
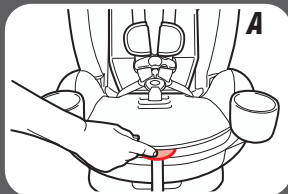
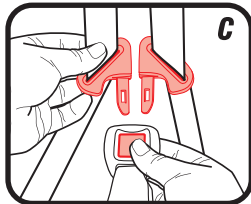
**WARNING!** In cold weather, do not put snowsuits or bulky garments on your child when placing them in the car seat. Bulky clothing can prevent the harness straps from being tightened properly. To keep child warm, buckle your child in the car seat and place a blanket around the child or place the child's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



### 1. Loosen Harness Straps

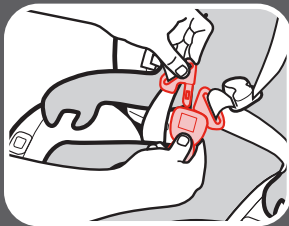
**(A)** Push down on the harness adjuster lever while pulling out on the harness straps at the chest clip.

**(B)** Unbuckle the chest clip and the buckle. **(C)** Place harness straps off to the sides.





## 6 Securing Child 5-Point Harness



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

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

### **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.

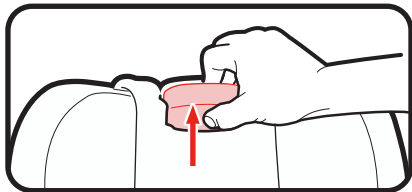
#### 4. Be Sure the Harness Straps Are at the Proper Height

**Rear-Facing:** Harness straps must be **at or just below** the child's shoulders and top of head **must be at least 1" (2.5 cm) below** the headrest/harness adjustment handle.

**Forward-Facing:** Harness straps must be **at or just above** the child's shoulders and top of child's ears must be **below** top of headrest. Remove the head and body supports.

#### 5. To Raise or Lower Headrest/Harness Adjustment Lever

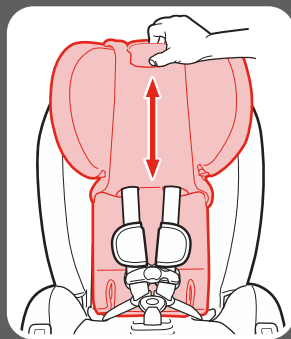
Squeeze the adjustment lever and lift or lower headrest for the proper harness height.



*Rear-Facing*



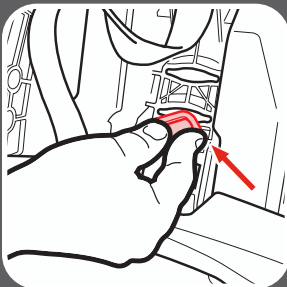
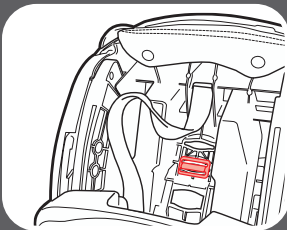
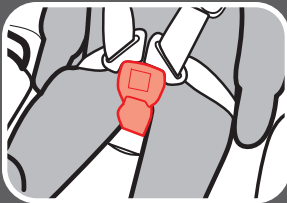
*Forward-Facing*



## 6 Securing Child 5-Point Harness



## 6 Securing Child 5-Point Harness



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

The correct slot is the one that is closest to your child without being underneath your child. For forward-facing, do **NOT** use inner-most slot.

### **7. To Adjust Buckle Strap**

*(skip to step 11 if not needed)*

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 buckle out.

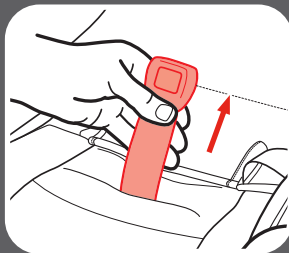
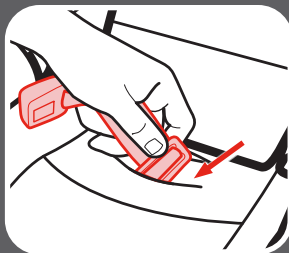
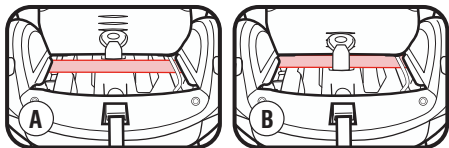


## 9. Insert Metal Retainer in the New Buckle Strap Slot

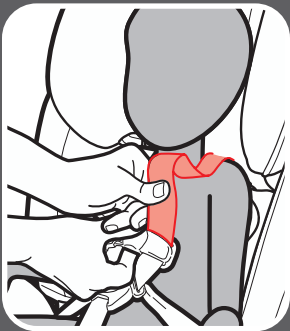
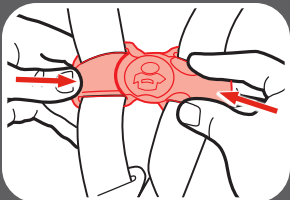
Reach underneath the car seat and pull the metal retainer through.

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

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



## 6 Securing Child 5-Point Harness



### **11. Buckle the Chest Clip**

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

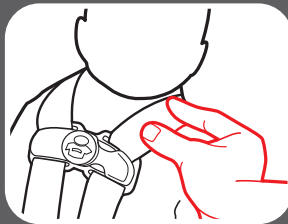
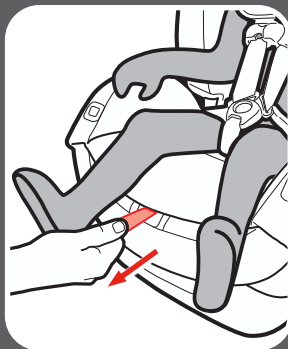
### **12. Pull All the Slack Out From Around the Waist**

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

### **13. 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.

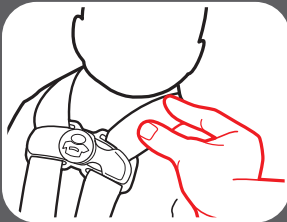
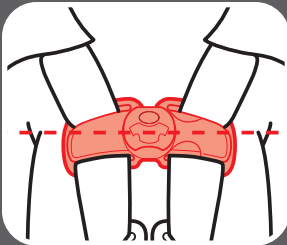
A snug harness should not allow any slack. It lies in a relatively straight line without sagging. It does not press on the child's flesh or push the child's body into an unnatural position.



## **6 Securing Child 5-Point Harness**



**6 Securing Child  
5-Point Harness**



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

**15. Check Tightness Again, Tighten More if Needed**

## 7-A Booster Use

**Highback Booster:**  
**40-100 lb (18.1-45 kg)**  
**43-57" (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 hips and is routed behind the armrest in the booster's belt path marked with green label.
- 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.
- **DO NOT** use the rebound bar in the booster mode. The rebound bar can **ONLY** be used in the rear-facing mode.



**Vehicle Lap/Shoulder  
Seat Belt**



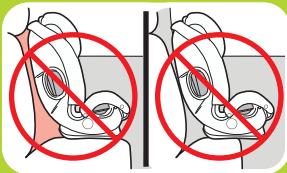
7-A  
Booster



## 7-A Booster



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

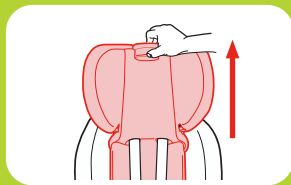


- **Never** use a vehicle lap-only belt across front of child.
- **DO NOT** position vehicle shoulder belt under the child's arm or back.
- **DO NOT** allow child to slouch or slide down in the booster seat.
- **DO NOT** position vehicle belt over top of armrests.
- Vehicle's seat headrest **SHOULD NOT** 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 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.

## 7-B Install Highback Booster

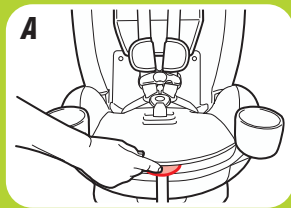
### 1. *Raise the headrest to the highest position*

Squeeze the height adjust lever and lift the headrest to the highest position.

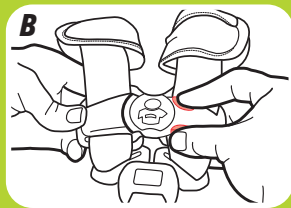


### 2. *Store the Harness*

**A.** Loosen the harness straps.



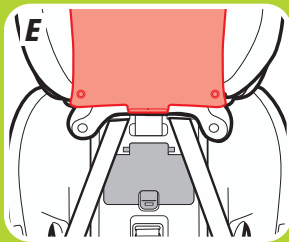
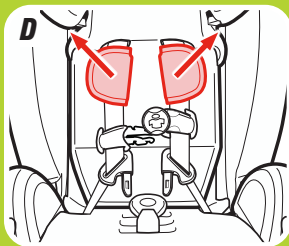
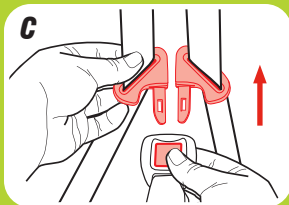
**B.** Unbuckle the chest clip.



**7-B** Highback  
Booster



## 7-B Highback Booster



**C.** Unbuckle the buckle.

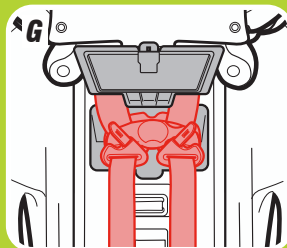
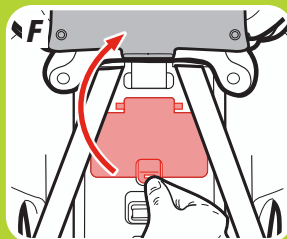
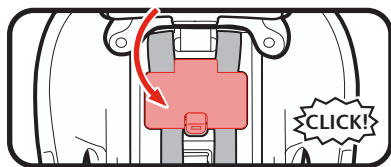
**D.** Remove harness covers and store for future use.

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



**F.** Open the harness storage door.

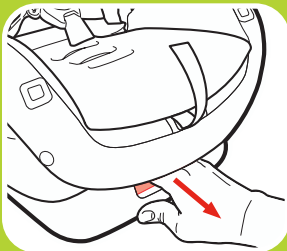
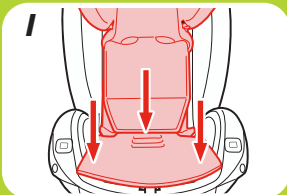
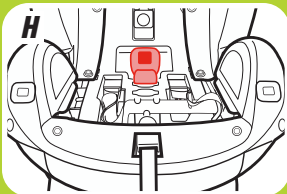
**G.** Place chest clip and buckle tongues inside Storage Compartment and close the door.



**7-B** Highback  
Booster



## 7-B Highback Booster

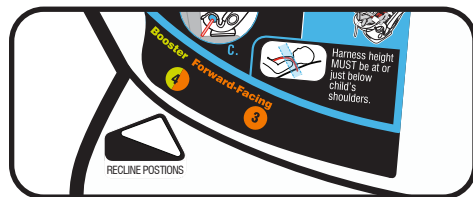


**H.** Store buckle inside the pocket in the car seat shell as shown. Move the buckle to the rear slot when storing.

**I.** Replace Seat Pad.  
Move the headrest back to its proper position for your child.

### 3. Recline the Car Seat

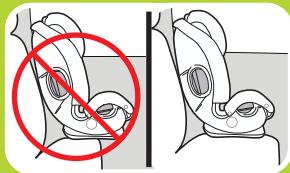
Pull out the recline handle and place the car seat in 4th recline position.



#### 4. 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.

The front of booster seat **MUST NOT** hang over front of vehicle seat.



7-B Highback  
Booster



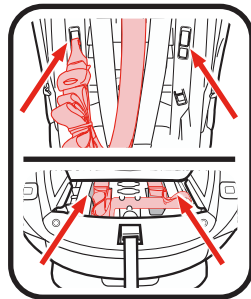
## 7-B Highback Booster

Graco allows the securing of the car seat with LATCH in the booster mode, only if the vehicle manufacturer allows it. 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). If securing the car seat with the lower anchor connectors in booster mode, the tether **MUST** be used.

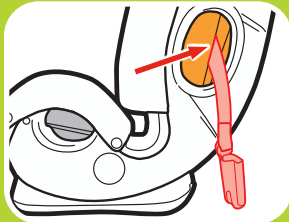
Verify the following before using LATCH in the booster mode:

- The lower anchor connectors **DO NOT** interfere with any vehicle seat belts or buckles.

If the lower anchor connectors interfere with the vehicle seat belts or if the chosen seating position does not have lower anchors, you **MUST** store the lower anchor strap. Store the lower anchor strap in the storage location as shown. Store the tether strap as shown. Always secure car seat with lower anchor strap or a vehicle seat belt, even when unoccupied. In a crash, an unsecured car seat can injure passengers.



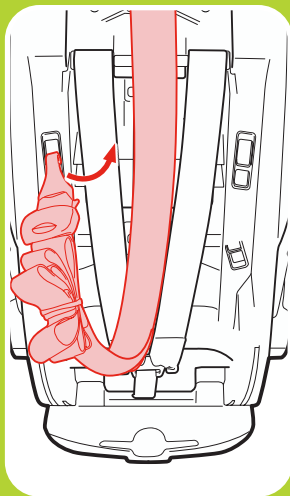
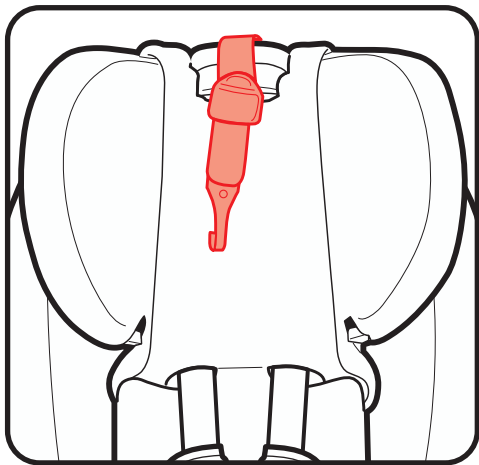
### ***Skip to Step 11 if Not Using LATCH***



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

Continue to next step if correct. See section 8 if it is not.

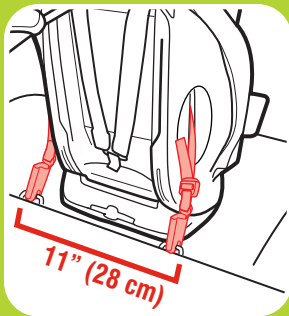
**6. Unhook Tether Strap From Storage Location and Lay it in the Seat**



**7-B Highback  
Booster**

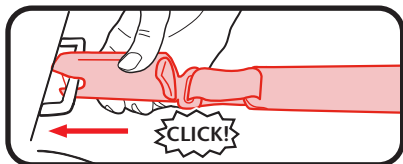


## 7-B Highback Booster

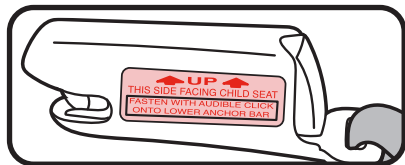


### 7. Connect Lower Anchor Connectors to Vehicle's Lower Anchors

Lower Anchor Strap should not be twisted. If twisted, you will not be able to tighten the strap.



Make sure that the arrows are pointing up.



**8. Remove The Slack From The Lower Anchor Strap**

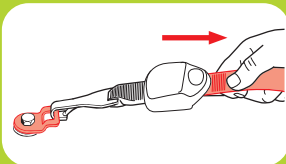
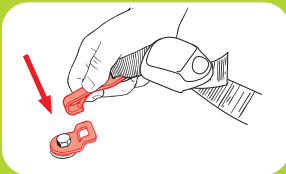
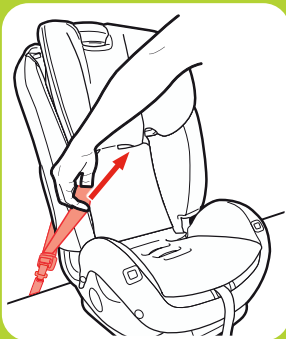
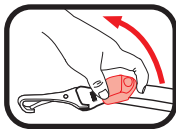
**9. Attach Tether Strap**

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

Consult vehicle's owner manual for specific location.

**10. Tighten Tether Strap**

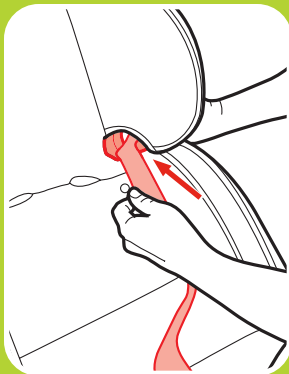
Remove all the slack.



**7-B Highback  
Booster**



## 7-B Highback Booster



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

See section 7-C to secure your child.



## 7-C Securing Child Highback Booster

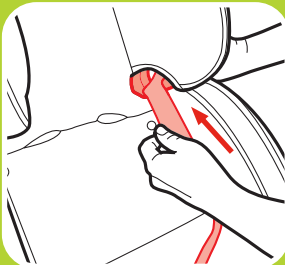
### **⚠ WARNING!**

**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.

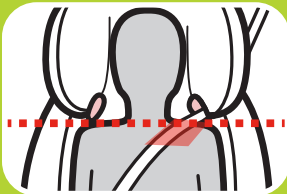
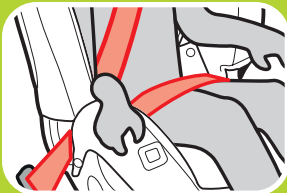
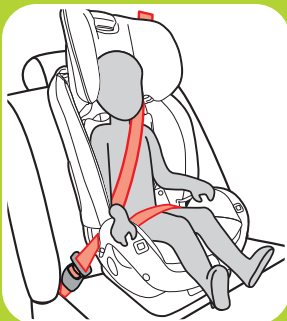
#### **2. Thread the Vehicle Seat Shoulder Belt Through Seat Belt Guide on the Headrest**



**7-C** Securing Child  
Highback Booster



## 7-C Securing Child Highback Booster



### 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.

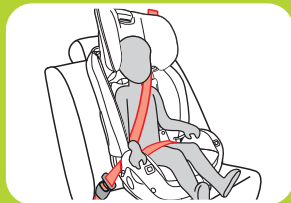
Be sure the shoulder belt lies across your child's shoulders, between the neck and edge of shoulder. The belt guides should be even with or just above the shoulders.

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

***Never Use Lap Belt Only***



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

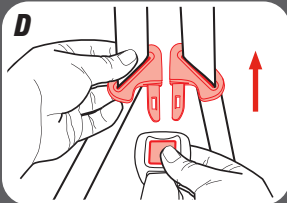
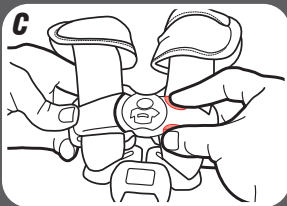
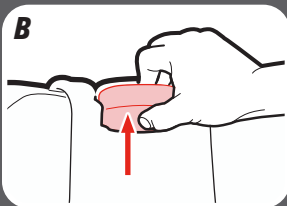


***Shoulder Belt Lies On the Shoulder, Between the Neck and Edge of Shoulder***



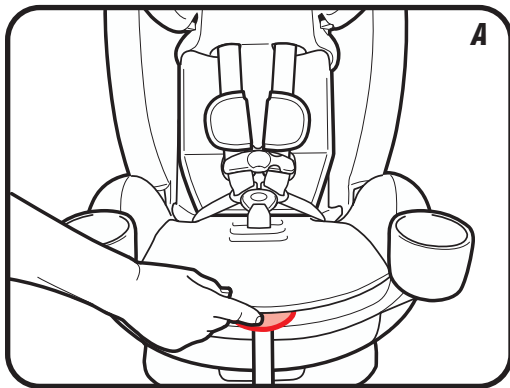
**7-C**  
**Securing Child**  
**Highback Booster**

## 8-A Moving the Lower Anchor Attachment



### 1. For Ease of Moving the Lower Anchor Attachment

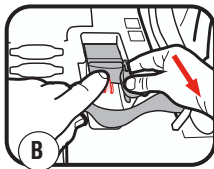
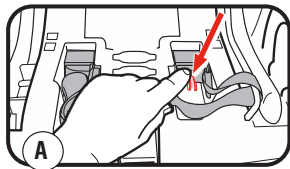
- A.** Loosen the harness straps.
- B.** Raise the headrest to the highest position.
- C.** Unbuckle the chest clip.
- D.** Unbuckle the buckle.



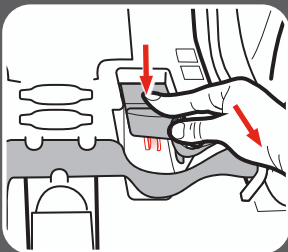
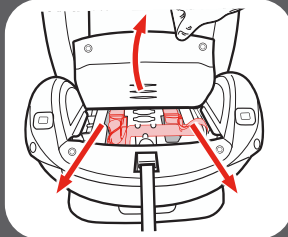
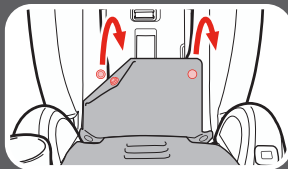
## 2. Unsnap Upper Seat Pad to Expose the Lower Anchor Attachment

## 3. Remove Lower Anchor Attachment from Storage Location

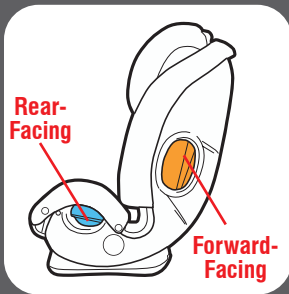
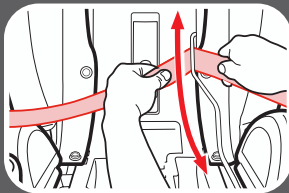
First, lift the seat pad to expose the lower anchor connectors. Next, push down on the tab on the seat in front of the lower anchor connector (A). While holding down on the tab, pull on the lower anchor strap to clear the tab and then continue pulling to release the lower anchor connector from storage (B). Repeat on the other side.



**Tip:** To help in the removal of the lower anchor connector, press down on the lower anchor connector while pulling on the lower anchor strap.



## 8 Moving Lower Anchor Attachment



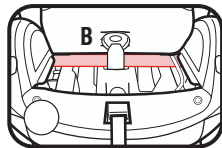
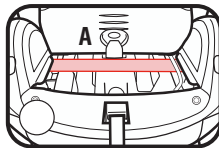
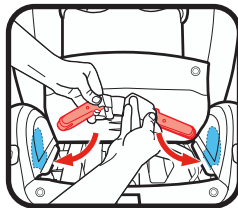
### 4. Slide Entire Lower Anchor Strap Along Bar to the Desired Belt Path Openings

**Rear-Facing:** Slide Lower Anchor Strap along bar to the front of the seat.

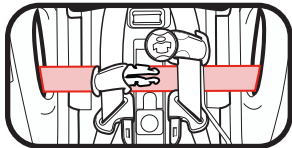
**Forward-Facing:** Slide the Lower Anchor Strap up along bar to the top.

### 5. Push the Lower Anchor Connectors Out Through the Rear-Facing Belt Path Openings on Each Side of Car Seat

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

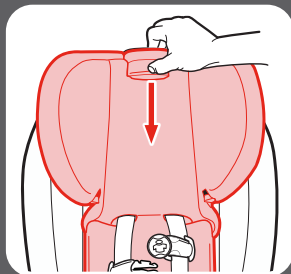
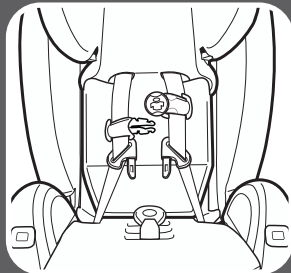
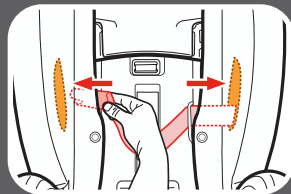


**Forward-Facing:** Make sure the Lower Anchor Strap is routed behind the harness strap, is flat, and is not twisted.



### **6. Replace Seat Pad**

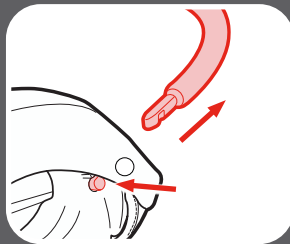
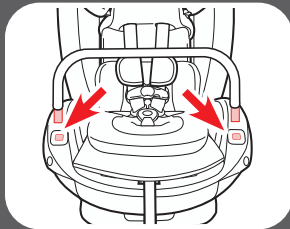
### **7. Move the Headrest to Its Proper Position for Your Child**



**8**

**Moving  
Lower Anchor Attachment**

## 9-A Accessories *(on select models)*



### **Anti-Rebound Bar** *(optional)*

The Anti-Rebound Bar can only be inserted one way. Insert the ends of the Bar into the holes on the front of the seat until it **CLICKS**. If it does not easily **CLICK** into place, flip it over and reinsert the Bar until it **CLICKS**.

The Anti-Rebound Bar can **ONLY** be used in rear-facing mode.

To remove, push the release buttons on both sides of the seat and remove the Anti-Rebound Bar.





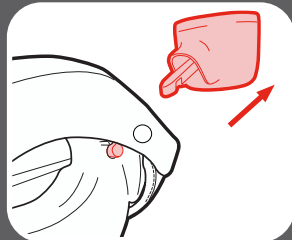
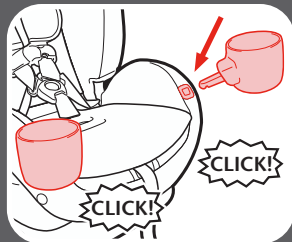
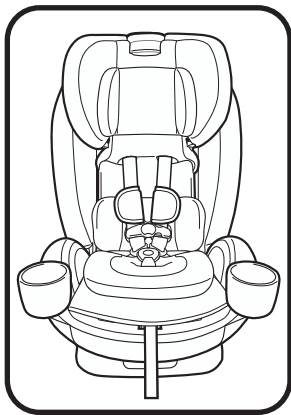
### **Cup Holders** (optional)

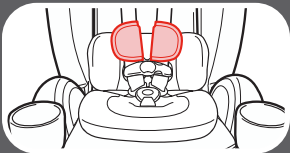
Insert the cup holder into **either** of the cup holder attachment points.

You will hear a “CLICK” when they are secured in place.

To remove, push the release button on the side of the seat and remove the cup holder.

Cup holders are dishwasher-safe (Top Rack Only).

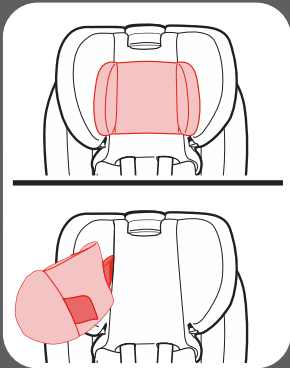




### ***Harness Covers***

The rubberized side should lay against the child. 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. When forward-facing, harness covers **MUST be used** if the child weighs 25 lb (11 kg) or less.

The infant Head and Body Supports can only be used Rear-Facing for children weighing less than 20 lb (9 kg). Use the infant support pieces to ensure the child is secure, comfortable, and their head does not tilt forward. Use the following guidelines:



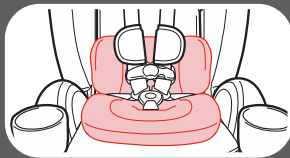
### ***Infant Head Support***

To adjust the support, pull up until desired height. 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.

### ***Infant Body Support***

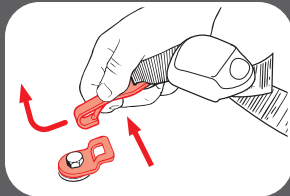
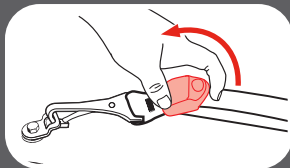
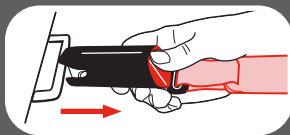
Body support must be used if shoulders are below the lowest harness setting.

Never allow body support to bunch or fold behind child.





## 10-A How to Uninstall Lower Anchor Connectors and Tether



### **Lower Anchor Connectors**

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

### **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.

## 10-B Choosing Vehicle Seat Location

### *Review your vehicle's owner 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 other than an infant in a rear-facing car seat in a front passenger seating position, 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
- Move the seat as far back as possible





## 10-C Unsafe Vehicle Seat Location

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

# 10-D Vehicle Seat Belts

*Review your vehicle's owner 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**

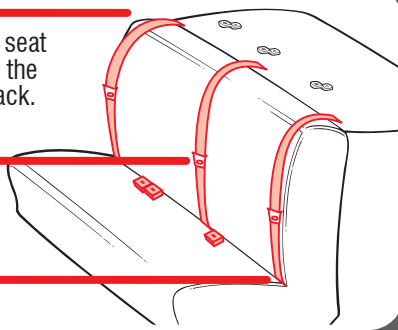
A device that winds up the unused vehicle seat belt. It is often hidden inside the panels on the walls of the vehicle or in the vehicle seatback.

### **Latch Plate**

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

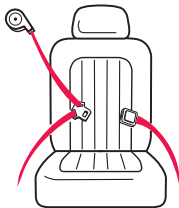
### **Seat Bight**

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



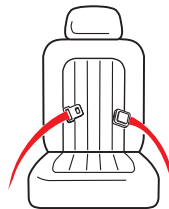
## Identify Your Seat Belt Type

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



**Lap/Shoulder Belt**

3 connections 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:

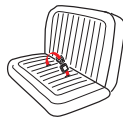


Lap Belt with Motorized Shoulder Belt



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.

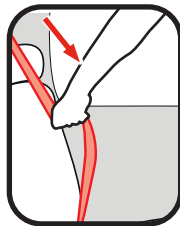


## Lap/Shoulder Belt Installation - Rear-Facing/Forward-facing Modes

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

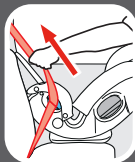
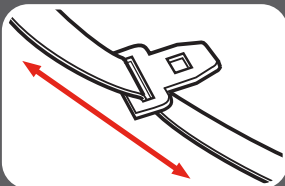
There are three types of retractors: **ELR (Emergency Locking Retractor)**, **ALR (Automatic Locking Retractor)**, and **Switchable (ELR switch to ALR)**. To determine your type of retractor, follow these steps:

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



**Note:** When using the lock-off, you do not need to switch the retractor. The lock-off locks the 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 when rear-facing. If this happens, use a locking clip instead of this switching the retractor. See Sliding Latch Plate and ELR Retractor.

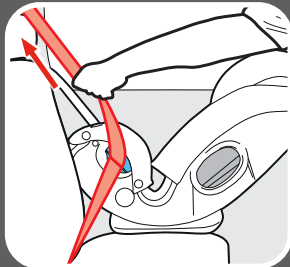
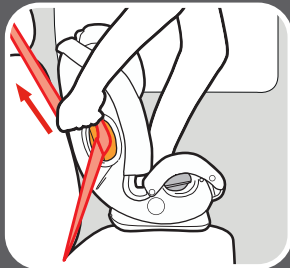
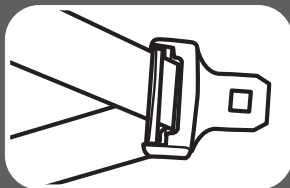
## Locking Latchplate and ELR Retractor

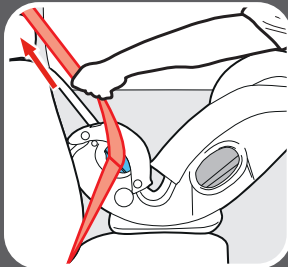
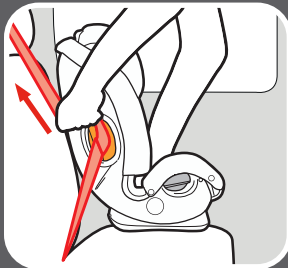
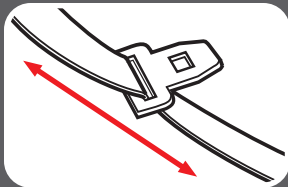
A latchplate that holds the lap belt snug after it has been adjusted; contains a metal bar on the underside of the hardware that “locks” the belt in position.

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 lock-off, you do not need to switch the retractor. The 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" (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.

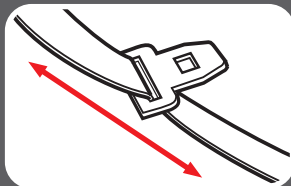
To get a locking clip order online at [gracobaby.com](http://gracobaby.com) or call 1-800-345-4109

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.

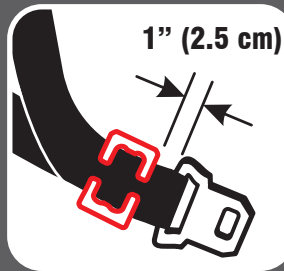
Attach locking clip to lap and shoulder belts as shown.

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

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



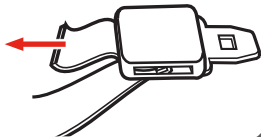
**Locking Clip**





## Lap Belt Installation - DO NOT use in Booster Mode

**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.

## 11-A Cleaning Rapid Remove Seat Pad

Refer to seat pad care tag for washing instructions.

### **Headrest Pad**

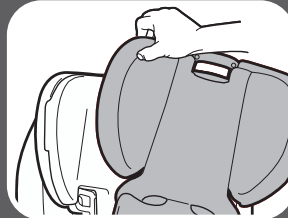
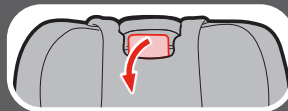
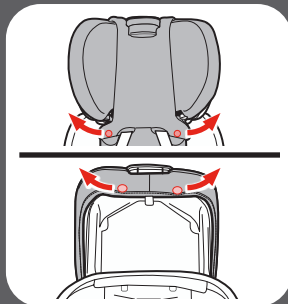
Clean with a damp sponge using mild soap and cool water. If needed, pad may be removed for cleaning.

To remove, unsnap the 2 snaps on the front and the 2 snaps on the back of the headrest pad from plastic shell.

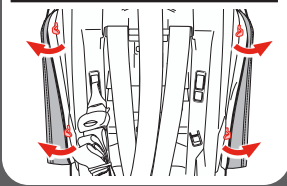
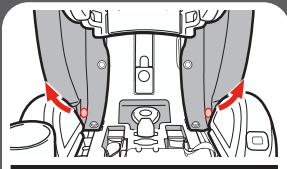
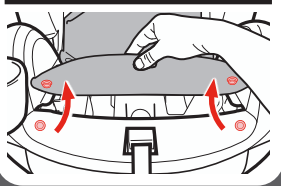
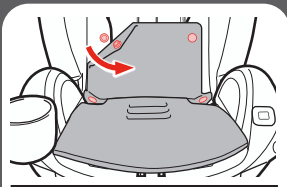
Unhook plastic tab below the Height Adjust Lever and remove the pad.

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

Reverse the steps to reattach the pad on the headrest.



**11**  
Care &  
Cleaning



### **Seat Pad**

Clean with a damp sponge using mild soap and cool water. If needed, pad may be removed for cleaning.

Unsnap the 6 snaps and remove.

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

Reverse the steps to reattach the pad to the shell.

### **Side Pad**

Clean with a damp sponge using mild soap and cool water. If needed, pad may be removed for cleaning.

Unsnap the 2 snaps on the front of the side pad.

Pull side pad pockets off of side panels and remove side pad.

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

Reverse the steps to reattach the pad to the shell.



### **Top Pad**

Clean with a damp sponge using mild soap and cool water. If needed, pad may be removed for cleaning. Unsnap the 2 snaps on the front of the top pad. On the back, pull top pad off of top panel.

### **Front Seat Pad**

Clean with a damp sponge using mild soap and cool water. If needed, pad may be removed for cleaning.

**NOTE:** Cup holders or Anti-Rebound Bar must be removed before removing front seat pad.

Unsnap the 4 snaps on sides of the front seat pad. Undo fastening strips on the front of the front seat pad and remove.

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

Reverse the steps to reattach the pad to the shell.

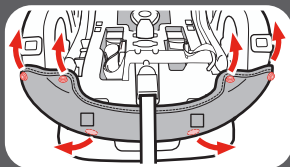
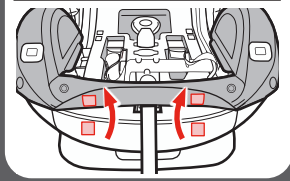
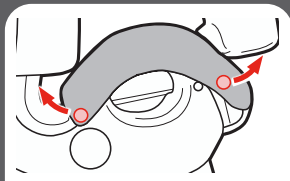
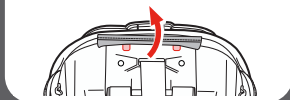
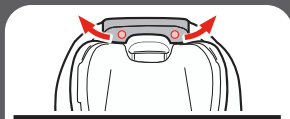
### **Bottom Seat Pad**

Clean with a damp sponge using mild soap and cool water. If needed, pad may be removed for cleaning.

Unsnap the 4 snaps on the front and the snap on each side of the bottom seat pad and remove.

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

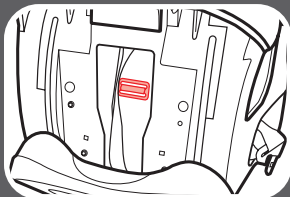
Reverse the steps to reattach the pad to the shell.



**11**  
**Care &  
Cleaning**



## 11-B Cleaning 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 buckle strap 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 buckle strap 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.

## 11-C Cleaning Harness, Lower Anchor Attachment and Tether

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



## 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**

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Store instruction manual in  
the slot with the instruction  
book icon as shown.

