

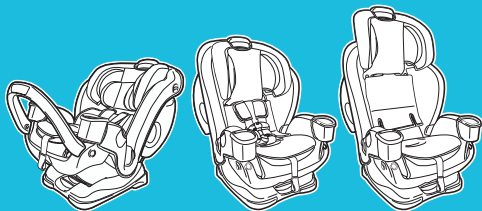


**Extend2Fit<sup>®</sup>**

**3-IN-1 CAR SEAT**

*featuring Anti-Rebound Bar*

**Read This Instruction Manual**



NWL0001739668A 2/25

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

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

## **1 Important**

*Pages 6-27*

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

**1-C Right Mode of Use**

**1-D Before You Begin**

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If You Need Help

Certification

Car Seat's Useful Life

Vehicle Seat Protection

Warm Weather Use

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**11-C Cleaning Harness, Lower Anchor and Tether Straps**

**11-D Cleaning Extend2Fit® Extension Panel**

**11-E Cleaning Anti-Rebound Bar**



1 Important

## 1-A A Quick Guide to Your Manual

**This car seat is for children: *Rear-Facing: 4-50 lb (1.8-22.5 kg)***

***Forward-Facing: 26.5-65 lb (12-30 kg)***

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

- Children less than 26.5 lb (12 kg) **MUST** use this car seat rear-facing. Review section 1-C for more information.

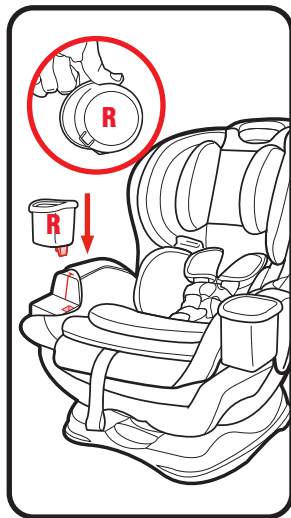
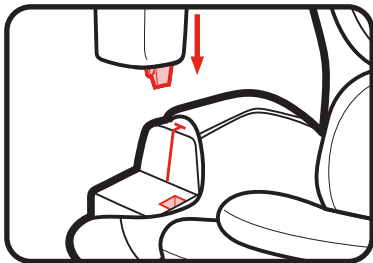
**Note:** Preterm or low birth weight infants may be at special risk in a vehicle or aircraft. According to the AAP, these infants may suffer breathing issues if improperly reclined in a car seat. When rear-facing, use the corrected age for preemies. Graco advises that you have your physician or hospital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

## Install Cup Holders (Adult Assembly Required)

Cup holders **MUST** be installed.

### 1. Attach Cup Holders

To attach the cup holders, match the right cup holder to the right side of the seat and the left to the left. Line up the T-slot and side-tab and slide down. **You will hear a “CLICK” when they are secured in place.**



**i** 1 Important



1 Important

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

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

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

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

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

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

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

## **!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 child restraint.

**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.**



**1 Important**

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

This car seat can be installed in your vehicle using either the vehicle seat belt **OR** lower anchor attachment. Both are equally safe to use. **INSTALL USING ONLY ONE METHOD.** Graco allows the securing of the car seat with LATCH system in the booster mode, only if the vehicle manufacturer allows it. 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.



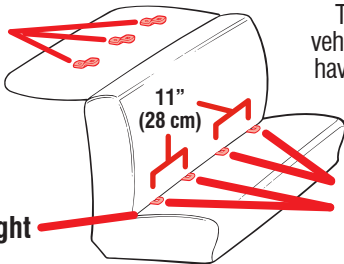
1 Important

## 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 Tether Anchor**



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

**Vehicle Seat Belt**

**Vehicle Lower Anchor**

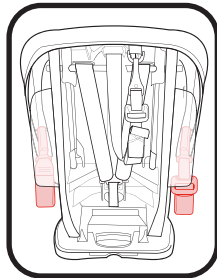


## When Installing This Car Seat

### Lower Anchor Attachment

The lower anchor attachment consists of two lower anchors, which are built in to your vehicle, and lower anchor connectors that are built in your car seat. Review section 3-B, 4-B & 6-B of this manual AND your vehicle owner's manual.

**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.**



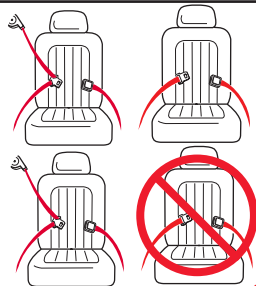
**i** 1 Important

### Vehicle Seat Belt

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

Only use the Lap/Shoulder seat belt configuration when Installing as a Booster.

Review section 3-C, 4-C, 6-B, 6-C & 10 of this manual AND your vehicle owner's manual.



## Does Your Car Seat Fit Your Child Correctly?

To make sure your child is secured properly, review section 3, 4, 5 & 6 to understand all of the actions you need to take to properly adjust the car seat to fit your child.

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

#### Harness Height, Rear-Facing

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

Review section 5.

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

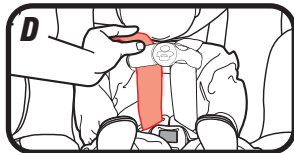
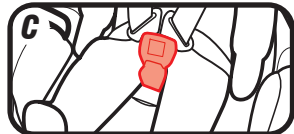
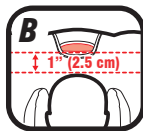
The correct slot is the one that is closest to your child without being underneath them.

Review section 5.

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

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

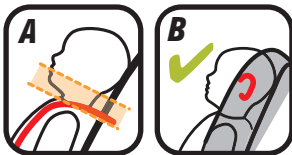
Review section 5.



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

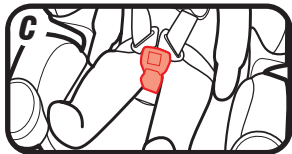
### **Harness Height, Forward-Facing**

Harness straps at or just above the child's shoulders **(A)** and top of child's ears below top of headrest **(B)**.  
Review section 5.



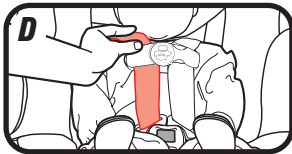
### **Buckle Position (C)**

The correct slot is the one that is closest to your child without being underneath them.  
Review section 5.



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

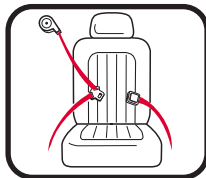
If your fingers slide off the harness straps without pinching the straps, it is tight enough.  
Review section 5.



**i** 1 Important

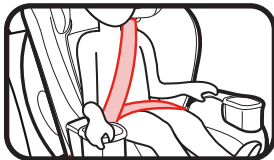
## ***For Booster, You Need to Adjust:***

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



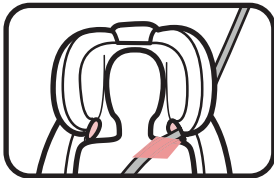
### **Position Lap Belt**

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



### **Position Shoulder Belt**

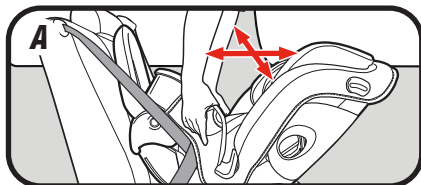
Shoulder belt lies across shoulder between neck and edge of shoulder.



## Rear-Facing Installation

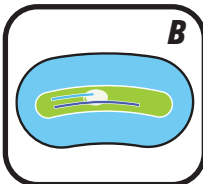
**Car Seat Does Not Move More than 1" (2.5 cm) at the Belt Path (A)**

Review section 3



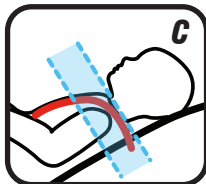
**Check level indicator (B)**

Review section 3



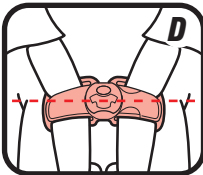
**Harness Straps at or Just Below Child's Shoulders (C)**

Review section 5



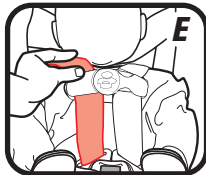
**Chest Clip Even With Armpits (D)**

Review section 5



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

Review section 5

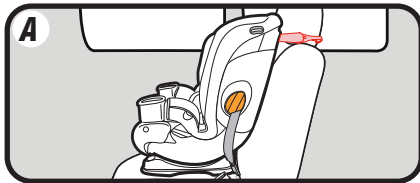


**i** 1 Important

## Forward-Facing Installation

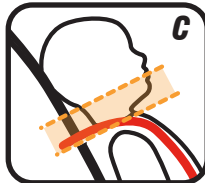
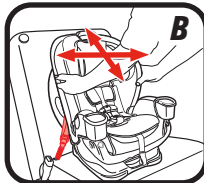
### Use the top tether strap when using forward-facing (A)

When used properly, the top tether helps reduce injury in a sudden stop or crash. Review section 4



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

Review section 4

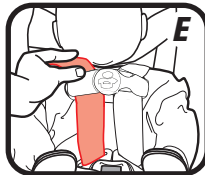
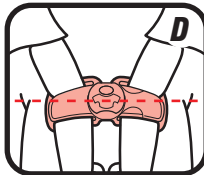


### Harness Straps at or Just Above Child's Shoulders (C)

Review section 5

### Chest Clip Even With Armpits (D)

Review section 5



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

Review section 5

## **Booster Installation**

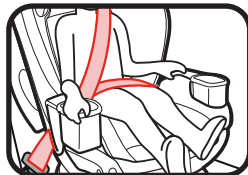
### **Never Use Lap Belt Only**

Review section 6



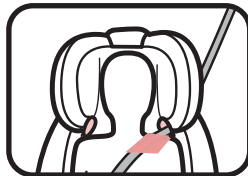
### **Lap Belt Behind Armrest and Lies Low Across Hips and Thighs**

Review section 6



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

Review section 6



**i** 1 Important



**1 Important**

## **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 all steps are performed correctly.

## 1-C Right Mode of Use

4 lb (1.8 kg)	26.5 lb (12 kg)	40 lb (18.1 kg)	50 lb (22.5 kg)	65 lb (30 kg)	100 lb (45 kg)
------------------	--------------------	--------------------	--------------------	------------------	-------------------

**Rear-Facing with 5-Point Harness:** Must be 49" (125 cm) or less; 4-26.5 lb (1.8-12 kg) less than 1 year old **MUST** be rear-facing. 26.5-50 lb (12-22.5 kg) **SHOULD** be rear-facing.\*

**Forward-Facing with 5-Point Harness:** Must be 49" (125 cm) or less; 26.5-50 lb (12-22.5 kg) can sit upright unassisted **CAN** be forward-facing. 50-65 lb (22.5-30 kg) **SHOULD** be forward-facing.\*

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

\*Check your local and state laws and the AAP/NHTSA recommendations. See page 25 for more information.



1 Important

## 1-D Before You Begin

### *Register This Child Restraint*

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

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

Graco Children's Products, Inc.  
Attn: Customer Service  
P.O. Box 169, Elverson, PA 19520-9901  
or call 1-800-345-4109  
**or register online at**  
**[www.gracobaby.com/carseatregistration](http://www.gracobaby.com/carseatregistration)**

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

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

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

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

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

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

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

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

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

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



**1 Important**

## ***Certification***

This child restraint system conforms to all applicable Federal Motor Vehicle Safety Standards.



This child restraint is certified for use in aircraft when using the harness system. Use only on forward-facing aircraft seats. Follow the instructions for vehicle installation. For rear-facing installation, see section 3-C and 10-D Lap belt Installation. For forward-facing installation, see section 4-C and 10-D Lap belt Installation except don't use the top tether. Contact the airline for their specific policies.



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

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

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

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

## ***Vehicle Seat Protection***

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

### ***Warm Weather Use***

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

## **1-E Safety Warnings**

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

### **⚠️ WARNING!**

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



**1 Important**



1 Important



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

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

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

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

**! Choose the correct mode of use for the car seat depending on your child's size. Infants less than 26.5 lb. (12 kg) **MUST** use this car seat rear-facing.**

- ! 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.\***
- ! 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.**

\*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**

- ! 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.**
- ! 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 a 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.**



**1 Important**

**! 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.



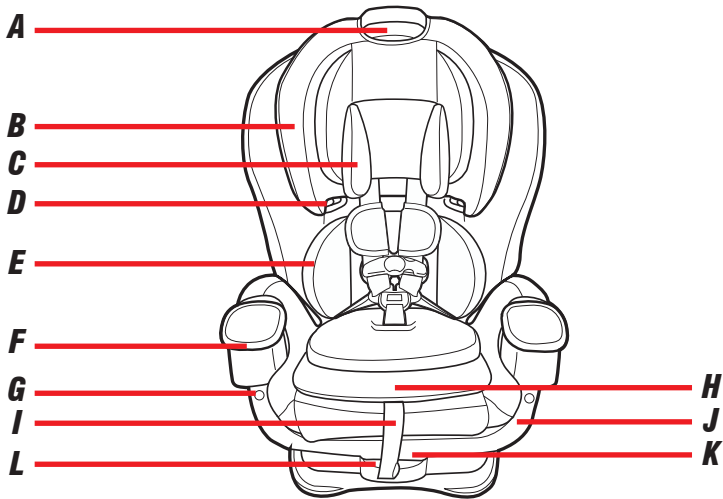
**! Never attach two lower anchor connectors to one vehicle lower anchor point unless specifically allowed by the vehicle manufacturer.**

**! Do not use both the vehicle belt and lower anchorage attachment at the same time when using the car seat rear or forward-facing.**

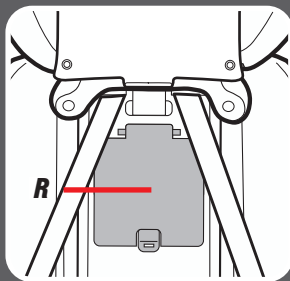
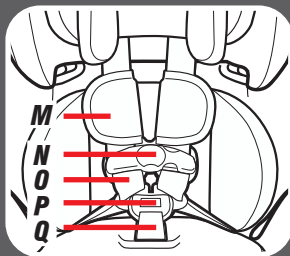
## 2-A Car Seat Features



2 Features



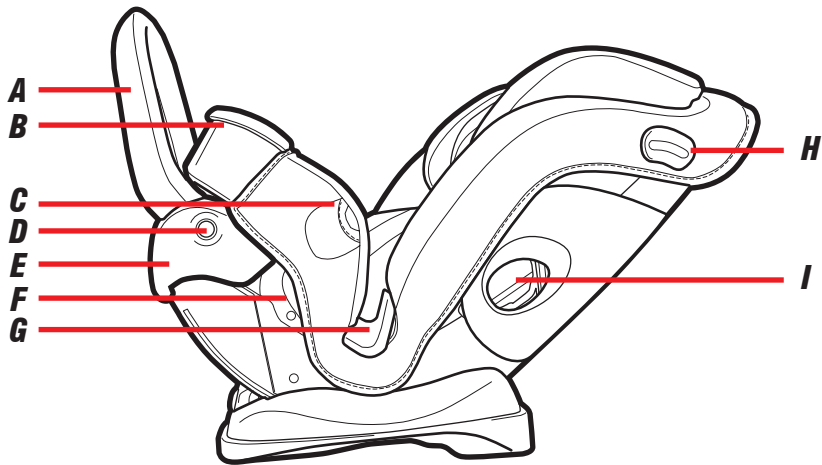
- A Headrest/Harness Height Adjustment Lever**
- B Headrest**
- C Infant Head Support**
- D Booster Shoulder Belt Guide**
- E Infant Body Support**
- F Cup Holder**
- G Anti-Rebound Bar Slots**
- H Harness Release Lever** (under seat pad)
- I Harness Adjustment Strap**
- J Extension Panel**
- K Extension Handle**
- L Recline Handle**
- M Harness Covers**
- N Chest Clip**
- O Harness Straps**
- P Buckle**
- Q Buckle Strap**
- R Harness Storage Compartment**



## 2 Features



## 2 Features

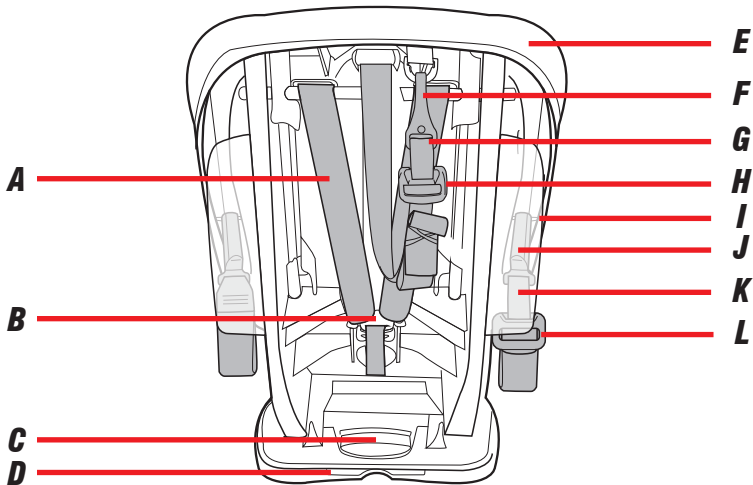


- A Anti-Rebound Bar***
- B Cup Holder***
- C Buckle Tongue Fuss Free Harness Storage***
- D Anti-Rebound Bar Release Button***
- E Extension Panel***
- F Rear-Facing Belt Path***
- G Booster Lap Belt Guide***
- H Level Indicator***
- I Forward-Facing Belt Path***





## 2 Features

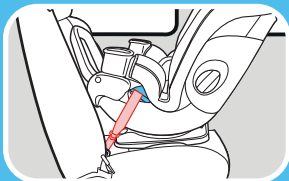


- A Harness Straps***
- B Splitter Plate***
- C Recline Handle***
- D Instruction Manual Storage***
- E Tether Storage Bar***
- F Tether Hook***
- G Tether Strap***
- H Tether Strap Adjuster***
- I Lower Anchor Connector Storage***
- J Lower Anchor Connector***
- K Lower Anchor Strap***
- L Lower Anchor Adjuster***



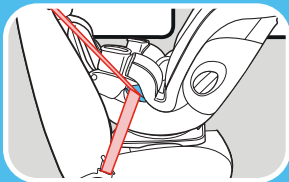


## 3-A Rear-Facing Use



### Lower Anchor Attachment

**Do not install by this method for a child weighing more than 40 lb (18 kg)**



### Vehicle Seat Lap/Shoulder Belt

### **Rear-Facing: 4-50 lb (1.8-22.5 kg) and 49" (125 cm) or less in height**

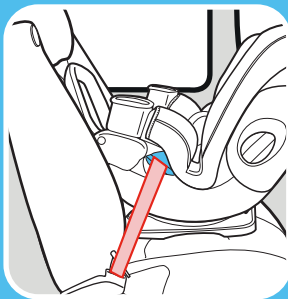
- Infants who weigh less than 26.5 lb (12 kg) **MUST** be rear-facing.
- Place car seat rear-facing in the vehicle back seat.
- Make sure lower anchor attachment or vehicle seat belt is routed through the rear-facing belt path marked with a blue label.
- Install this car seat tightly in your vehicle. 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 bubble is within the light blue area.

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

## **! WARNING!**



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



**Vehicle Seat Lap Belt**

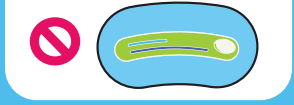


**3-A Rear-Facing**

## 3-A Rear-Facing



### When reading the level indicator,



Vehicle **MUST** be on level ground.

Use corrected age for preemies.

- If the bubble is entirely under the light blue line, the restraint is level for infants 0+ months in age.

- If the bubble is entirely under the dark blue line, the restraint is level for a child 3+ months in age.

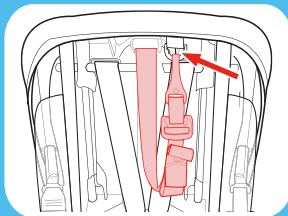
- If the bubble is not completely under the blue lines, the child restraint is **NOT** level. You must adjust your recline position.

## 3-B Install Rear-Facing with Lower Anchor Attachment

*Review your vehicle's owner manual for lower anchor location and use. Do not install by this method for a child weighing more than 40 lb (18 kg).*

### 1. Store Tether Strap

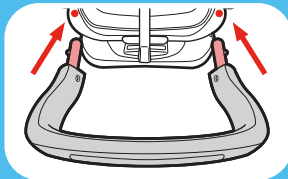
Attach tether hook to the D-ring as shown.



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

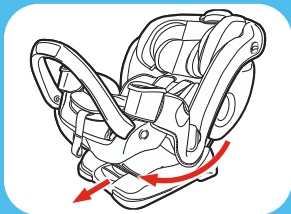
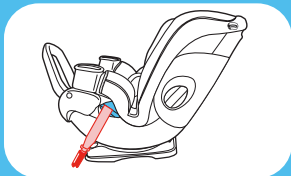
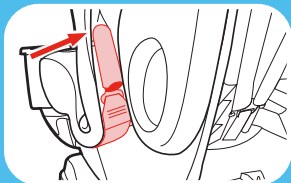
Insert the ends of the Anti-Rebound Bar into the holes on the front of the seat until the bar clicks into place.

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



  
**3-B**  
Rear-Facing  
with Lower Anchor  
Attachment

## Rear-Facing 3-B with Lower Anchor Attachment



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

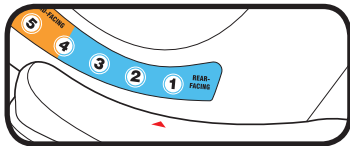
Push in on the red buttons on the lower anchor connectors and remove from storage position.

### 4. Make Sure Lower Anchor Strap is in the Rear-Facing Belt Path Marked With a Blue Label

If not, See section 8 to move lower anchor strap.

### 5. Recline the Car Seat

Place the car seat in 1st, 2nd, 3rd or 4th recline position.

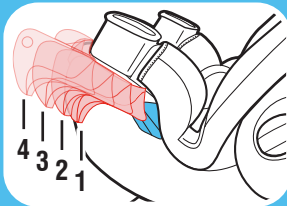
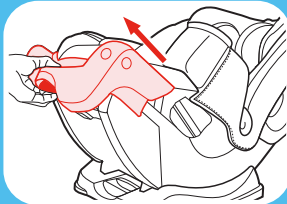
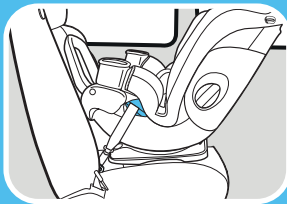


## 6. Place Car Seat Rear-Facing in Back Seat of the Vehicle

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. To Keep Your Child Rear-Facing Longer

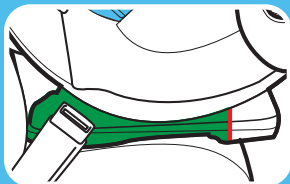
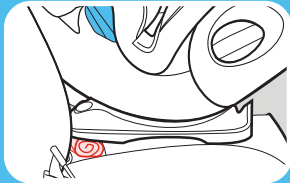
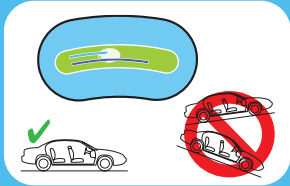
For additional legroom squeeze the adjustment handle and pull the extension panel out. The extension panel has 4 positions.



**3-B**

**Rear-Facing  
Attachment  
with Lower Anchor**

## 3-B Rear-Facing with Lower Anchor Attachment



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



### 9. Check the Level Indicator

Vehicle **MUST** be on level ground. **Bubble must be completely under the blue lines.** Readjust the recline if needed. Or if needed, rolled towels may be placed under the car seat at the vehicle seat crease, until the bubble is completely under the blue lines.

For infants 3 months and under, the **bubble must be entirely under the light blue line.**

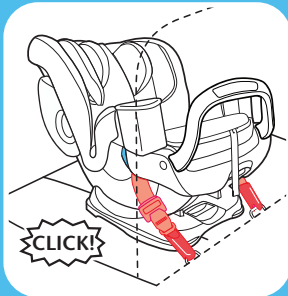
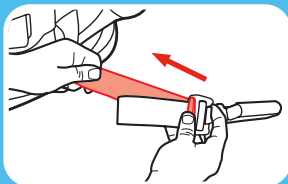
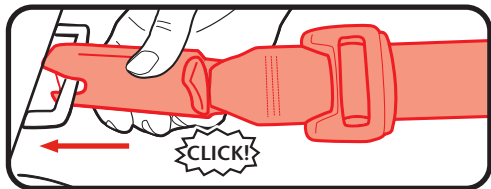
### 10. **Extend the Lower Anchor Strap**

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

### 11. **Attach Lower Anchor Connectors to Vehicle's Lower Anchors**

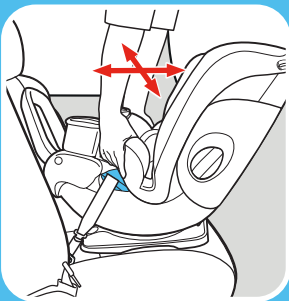
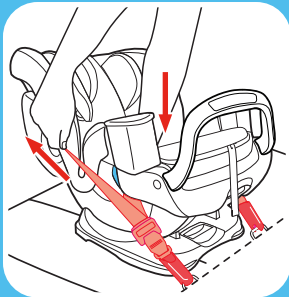
Lower anchor strap should lie flat and not be twisted.

**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.**



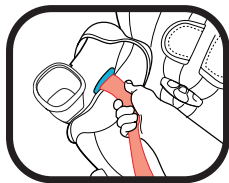
**3-B**  
Rear-Facing  
with Lower Anchor  
Attachment

## 3-B Rear-Facing with Lower Anchor Attachment



### 12. **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 through the rear-facing belt path as shown.



### 13. **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.

#### 14. Check the Level Indicator

Vehicle **MUST** be on level ground.

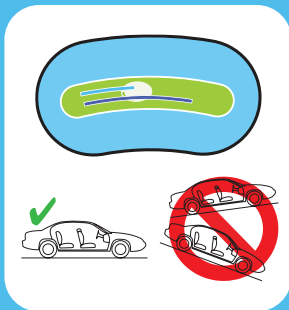
**Bubble must completely be under the blue lines.** Readjust if needed.

For infants 3 months and under, the **bubble must completely be under** the light blue line.

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

**See section 5 to secure your child.**

Recheck level indicator with child in seat.



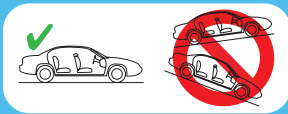
**3-B**

**Rear-Facing**  
with Lower Anchor  
Attachment

**3-B**  
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 Bubble is Under the Lines and Vehicle on Level Ground***



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

Review section 5

***Chest Clip Even With Armpits***

Review section 5

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

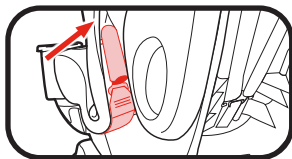
Review section 5

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

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

### 1 Store Tether and Lower Anchor Strap

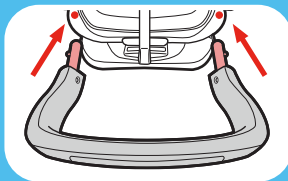
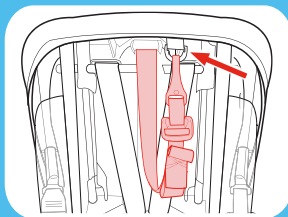
Attach tether hook and lower anchor connectors as shown.



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

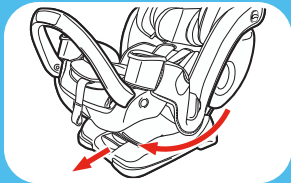
Insert the ends of the Anti-Rebound Bar into the holes on the front of the seat until the bar clicks into place.

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



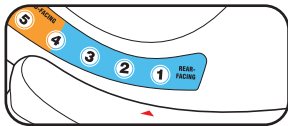
3-C Rear-Facing  
with Seat Belt

## 3-C Rear-Facing with Seat Belt



### 3. Recline the Car Seat

Place the car seat in the 1st, 2nd, 3rd or 4th recline position.



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

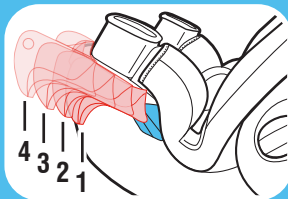
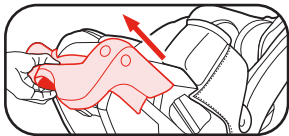
Place rear-facing in vehicle seat. The base should sit as flat as possible on the vehicle seat.

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



## 6. To Keep Your Child Rear-Facing Longer

For additional leg room squeeze the adjustment handle and pull the extension panel out. The extension panel has 4 positions.



## 7. Check the Level Indicator

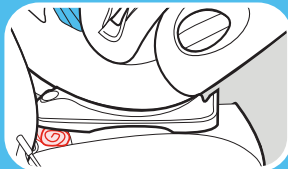
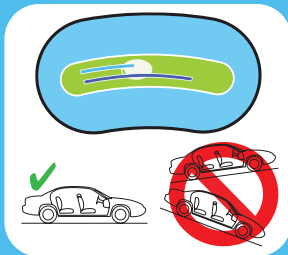
Vehicle **MUST** be on level ground.

**Bubble must be completely under the blue lines.** Readjust if needed.

For infants 3 months and under, the **bubble must completely be under** the light blue line.

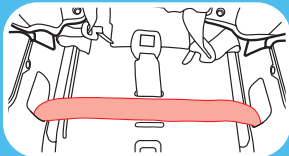
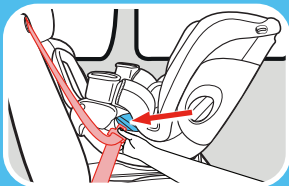
If needed, rolled towels may be placed under the car seat at the vehicle seat crease, until the bubble is completely under the blue lines.

**See section 5 to secure your child.** Recheck level indicator with child in seat.



  
**3-C** Rear-Facing  
with Seat Belt

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



**8. 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.

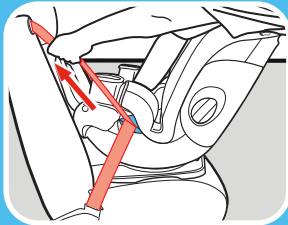
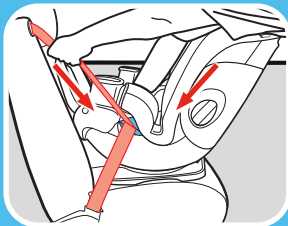
Make sure the vehicle seat belt is in front of the buckle strap when the buckle is in the inner-most position, and in behind when in the outer-most position.

### **9. 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.

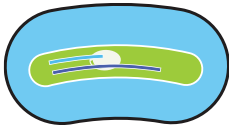
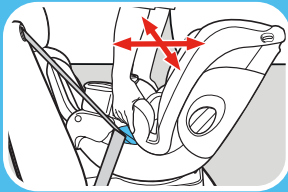
### **10. Tighten the Vehicle Seat Belt**

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





## 3-C Rear-Facing with Seat Belt



### 11. 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.

### 12. Check the Level Indicator

Vehicle **MUST** be on level ground. **Bubble must be completely under the blue lines.** Readjust if needed.

For infants 3 months and under, the **bubble must completely be under the light blue line.**

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

**See section 5 to secure your child.**

Recheck 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 Bubble is Under the Lines and Vehicle on Level Ground**



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

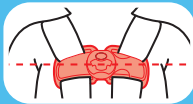
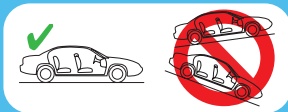
Review section 5

**Chest Clip Even With Armpits**

Review section 5

**Cannot Pinch Harness Straps at the Shoulder**

Review section 5

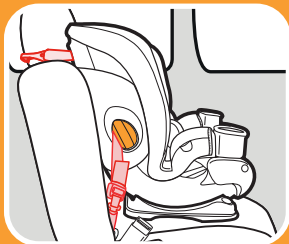


  
**3-C** Rear-Facing  
with Seat Belt



## 4-A Forward-Facing

# 4-A Forward-Facing Use



### LATCH

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

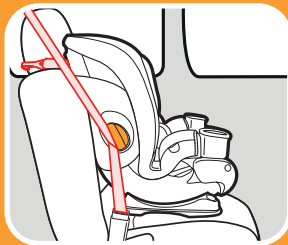
**! WARNING!**

**DO NOT USE** the Anti-Rebound Bar **OR** the Leg Extension Panel in the forward-facing mode.

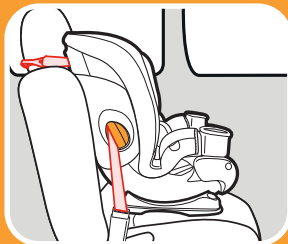
**Forward-Facing:**  
**26.5-65 lb (12-30 kg)**  
**49 inches (125 cm) or less**

- **For children over 40 lb (18 kg) you MUST use recline position 6.**
- 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.
- Harness straps need to be **even with or just above** the top of child's shoulders and chest clip is at **armpit level**.
- 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.

- 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.



***Vehicle Seat Lap/Shoulder Belt  
with Tether***

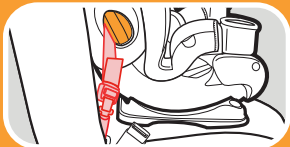


***Vehicle Seat Lap Belt  
with Tether***



## 4-B 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 Strap from Storage Location**

**2. Remove Anti-Rebound Bar**

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

See section 9 to remove the Anti-Rebound Bar.

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

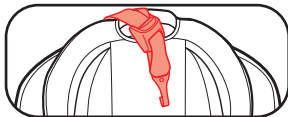
If not, See section 8 to move lower anchor strap.

#### 4. Recline the Car Seat

Place the car seat in the 4th, 5th or 6th recline position. **For Children Over 40 lb (18 kg), MUST use recline position 6.**

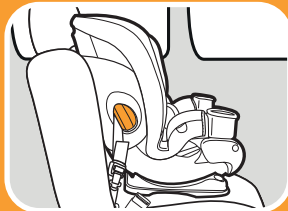
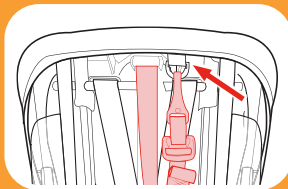
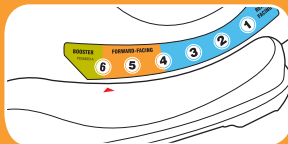
#### 5. Unhook Tether Strap From Storage

Unhook tether and lay it in the seat.



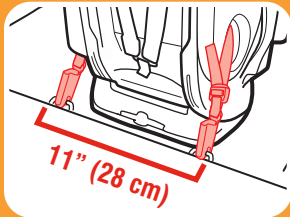
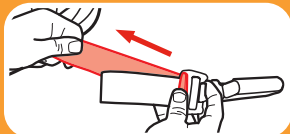
#### 6. Place Car Seat Forward-Facing in Back Seat of the Vehicle

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.



**4-B** Forward-Facing  
with LATCH

Forward-Facing  
with LATCH  
4-B



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



**8. Extend the Lower Anchor Strap**

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

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

Make sure the arrows are pointing up.



Lower anchor strap should not be twisted.

**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.**

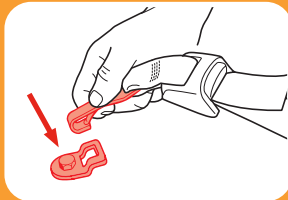
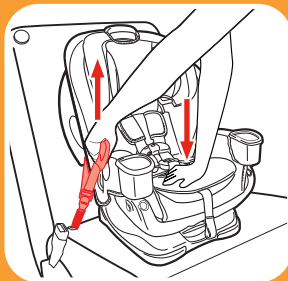
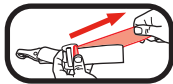
### 10. **Tighten the Lower Anchor Strap**

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

### 11. **Attach Tether Strap**

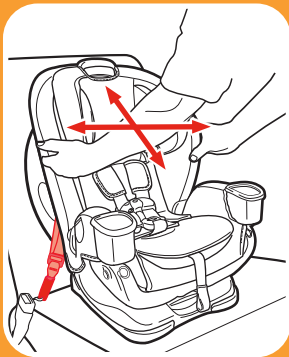
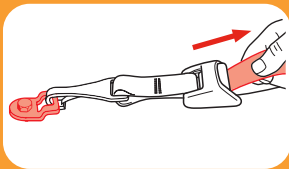
Extend the tether by pressing the grey button and pulling out on the strap and attach.

Consult vehicle's owner manual for specific location.



**4-B** Forward-Facing  
with LATCH

  
**Forward-Facing**  
4-B  
with LATCH



### **12. Tighten Tether Strap**

Remove all the slack.

### **13. 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 5 to secure your child.**



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

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



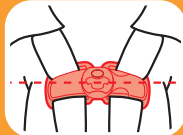
***Harness Straps at or Just Above the Child's Shoulders***

Review section 5



***Chest Clip Even With Armpits***

Review section 5



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

Review section 5

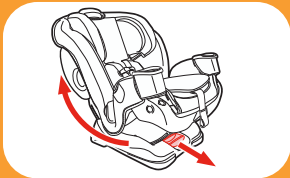
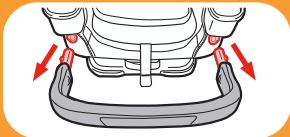
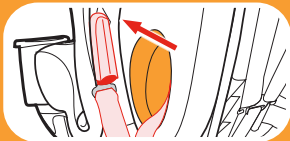




## 4-C Forward-Facing with Seat Belt

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

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



### 1. Store Lower Anchor Strap

Attach lower anchor connectors to the plastic bars as shown.

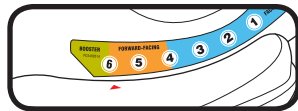
### 2. Remove Anti-Rebound Bar

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

See section 9 to remove the Anti-Rebound Bar.

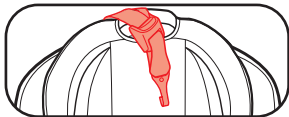
### 3. Recline the Car Seat

Place the car seat in the 4th, 5th or 6th recline position. **For Children Over 40 lb (18 kg), MUST use recline position 6.**



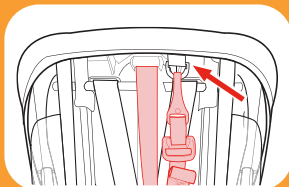
#### 4. **Unhook Tether Strap From Storage**

Unhook tether and lay it in the seat.



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

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



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

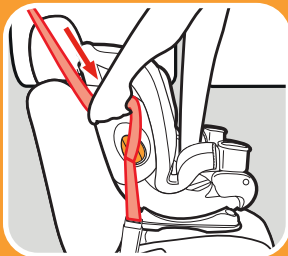


**4-C** Forward-Facing  
with Seat Belt



## 4-C Forward-Facing with Seat Belt

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



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

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

### **8. Lock the Vehicle Seat Belt**

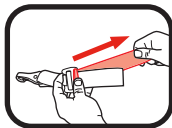
In most vehicles today, slowly pull the shoulder belt all the way out and then let it go back in. You will hear a clicking sound. Slowly pull out on the belt and it should be locked. If not, review your car's owner manual and section 10-D.

## 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.

## 10. Attach Tether Strap

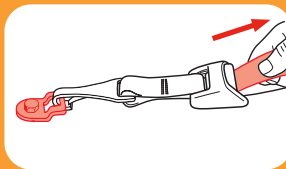
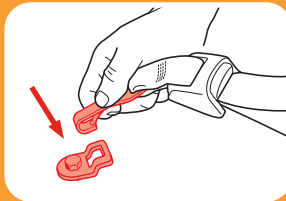
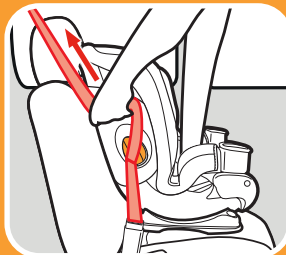
Extend the tether by pressing the grey button and pulling out on the strap and attach.



Consult vehicle's owner manual for specific location.

## 11. Tighten the Tether Strap

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

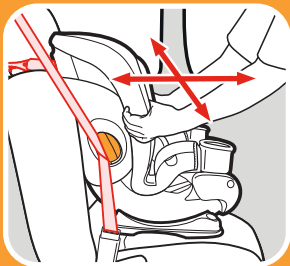


4-C Forward-Facing  
with Seat Belt



**Forward-Facing**  
with Seat Belt

**4-C**



## **12. 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 5 to secure your child.**



## ***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***

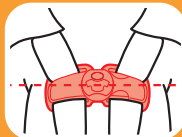
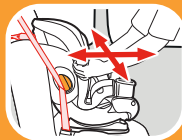
Review section 5

***Chest Clip Even With Armpits***

Review section 5

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

Review section 5



## 5 Securing Child 5-Point Harness

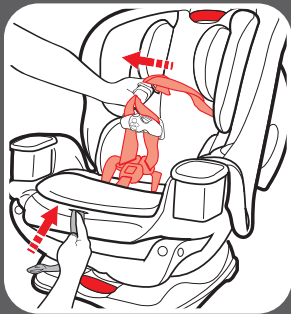


### **!WARNING!**

**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.



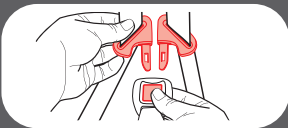
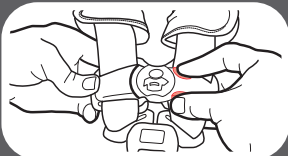
## 5-A Securing Child 5-Point Harness



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

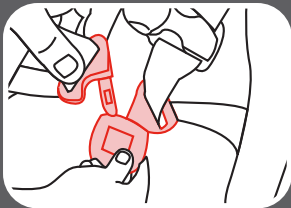
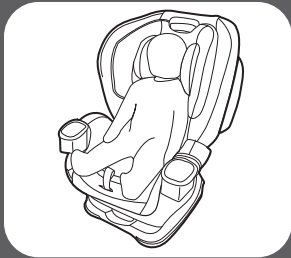
Lift up on the harness release lever while pulling out on the harness straps at the chest clip.

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



## 5 Securing Child 5-Point Harness

## 5 Securing Child 5-Point Harness



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

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

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

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

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

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

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

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



Rear-Facing

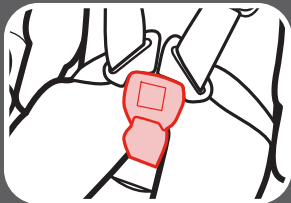
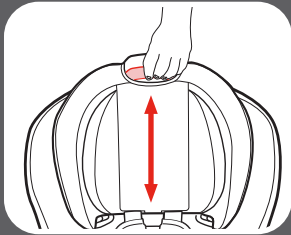


Forward-Facing



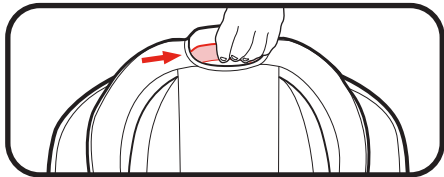
#### 5 Securing Child 5-Point Harness

## 5 Securing Child 5-Point Harness



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

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



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

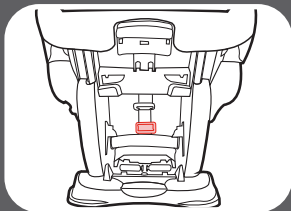
The correct slot is the one that is closest to your child without being underneath them.



## 5 Securing Child 5-Point Harness

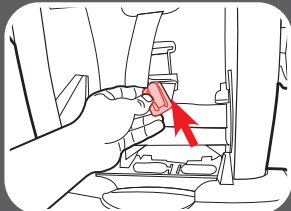
### 7. *To Adjust Crotch Strap*

Extend the extension panel, recline the car seat and locate the metal retainer under the car seat shell.



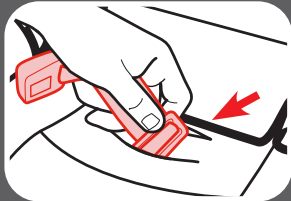
### 8. *Rotate Metal Retainer and Insert It Up Through the Shell and Pad*

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

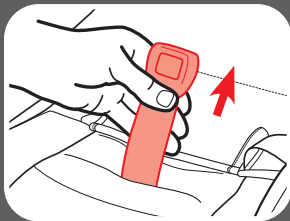


### 9. *Insert Metal Retainer in the New Crotch Buckle Slot*

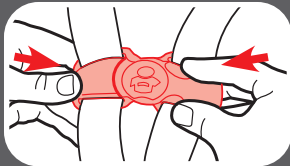
Reach underneath the car seat and pull the metal retainer through. Make sure the seat and pad slots align.



## 5 Securing Child 5-Point Harness

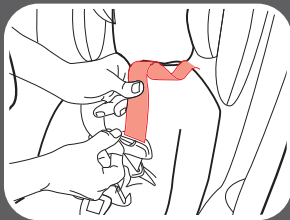


**10. Pull Up on Crotch Strap to Make Sure it is Secured**



**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.

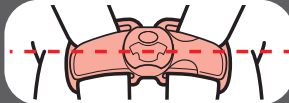
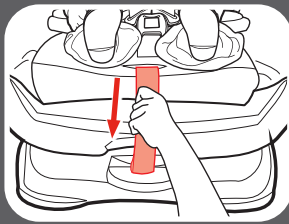
### **13. Tighten the Harness by Pulling the Harness Adjustment Strap**

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.

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

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



**5** Securing Child  
5-Point Harness

# 6-A Booster



## 6-A Booster Use



*Vehicle Lap/Shoulder Seat Belt*

### **! WARNING!**

**DO NOT USE** the Anti-Rebound Bar **OR** the Leg Extension Panel in the booster mode.



### **Booster Use:**

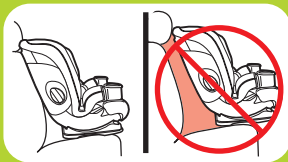
**40-100 lb (18.1-45 kg) 43-57 in.  
(110.1-145 cm) at least 4 years old**

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



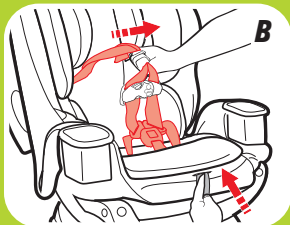
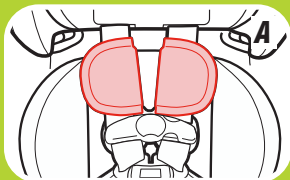
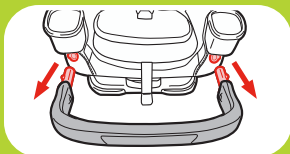
***Never Use a Vehicle Lap-Only Belt Across Front of Child***



**6-A Booster**

## 6-B Highback Booster

# 6-B Install Highback Booster



### 1. Remove Anti-Rebound Bar

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

See section 9 to remove the Anti-Rebound Bar.

### 2. Store The Harness System

#### A. Remove Harness Covers

To remove, undo the fastening strips and remove.

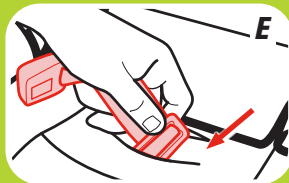
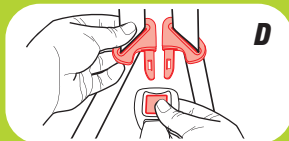
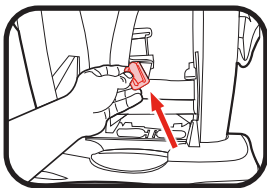
#### B. Loosen the shoulder straps as much as possible

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

**D. Unbuckle the buckle strap**

**E. Remove the Buckle Strap**

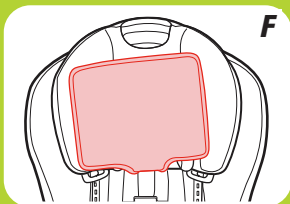
From bottom of car seat, rotate metal retainer to side in order to push it through slot easier.



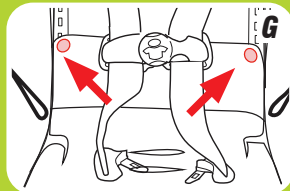
**6-B Highback  
Booster**



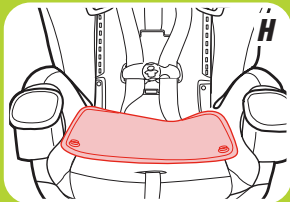
## 6-B Highback Booster



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



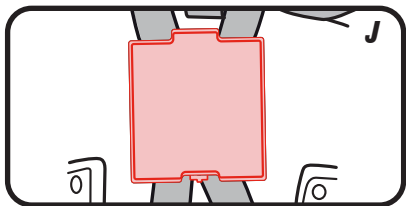
**G. Unsnap Seat Pad**  
Undo the 2 snaps.



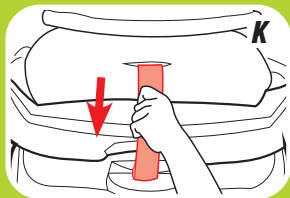
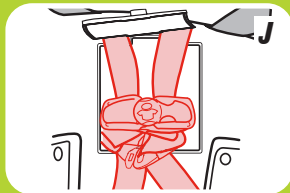
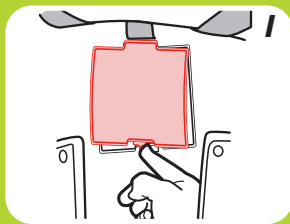
**H. Pull Bottom Seat Pad Back  
To Expose the Plastic Shell**

**I. Open the Harness Storage Door**

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



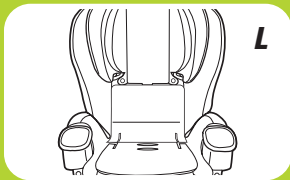
**K. Tighten the Harness by Pulling the Harness Adjustment Strap**



**6-B Highback  
Booster**



## 6-B Highback Booster



### ***L. Replace Seat Pad***

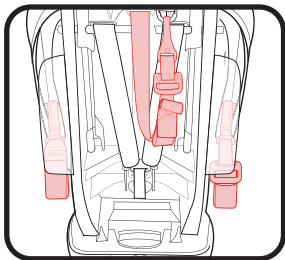
Move the headrest back to its proper position for your child.

### ***3. Adjust the Car Seat***

Place car seat in recline position 6.

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

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



Graco allows the securing of the car seat with LATCH system in the booster mode, only if the vehicle manufacture 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).

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 anchor bars, you **MUST** store the lower anchor connectors. Store lower anchor connectors by pushing in on the red buttons on the connectors and attach them to the plastic bars 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.

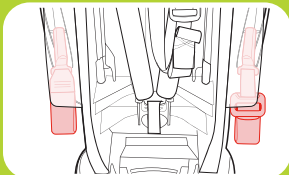
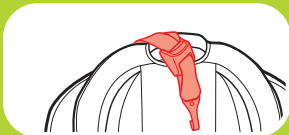


**6-B** Highback  
Booster



## 6-B Highback Booster

**Skip to Step 13 if Not Using LATCH**



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

**6. Remove Lower Anchor Connectors from Storage Location**

Push in on the red buttons on the lower anchor connectors and remove from storage position.

**7. 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.

### 8. **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.

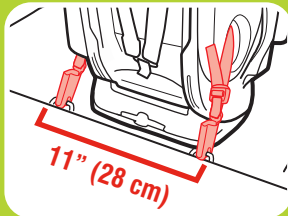
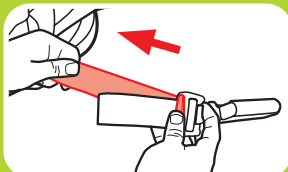
### 9. **Connect the Lower Anchor Connectors to Vehicle's Lower Anchors**

Make sure the arrows are pointing up.



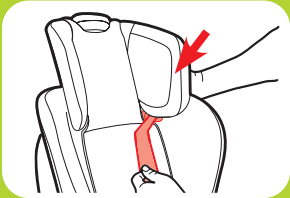
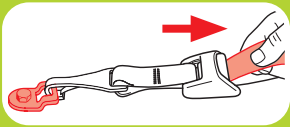
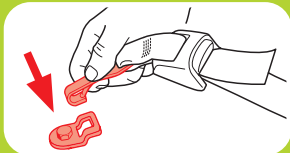
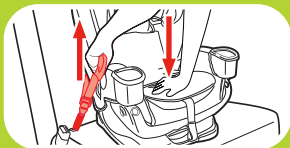
Lower anchor strap should not be twisted. If twisted, you will not be able to tighten the strap.

**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.**



**6-B Highback  
Booster**

## 6-B Highback Booster

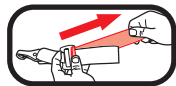


### **10 Remove the Slack from the Lower Anchor Strap**

### **11. Attach The Tether**

Extend the tether by pressing the grey button and pulling out on the strap and attach.

Consult vehicle's owner manual for specific location.



### **12. Tighten Tether**

Remove all the slack.

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

See section 6-C to secure your child.

## 6-C Securing Child Highback Booster

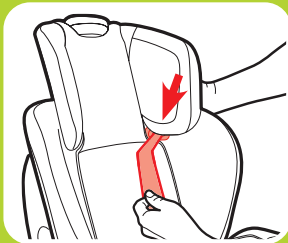
### **!WARNING!**

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

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

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

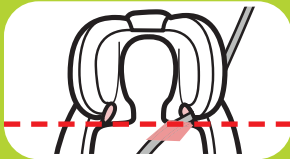
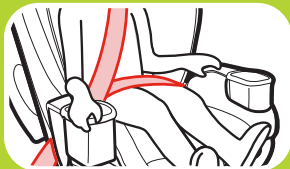
#### **2. Thread Vehicle's Shoulder Belt Into Seat Belt Guide in the Headrest**



**6-C** Securing Child  
Highback Booster



## 6-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.

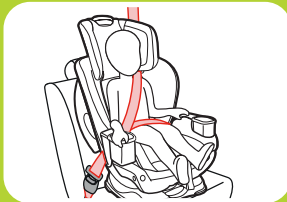
Be sure the shoulder belt lies across your child's shoulders, between the neck and edge of shoulder. The belt guides should be even with or just above the shoulders.

## ***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***



**6-C**  
**Securing Child**  
**Highback Booster**

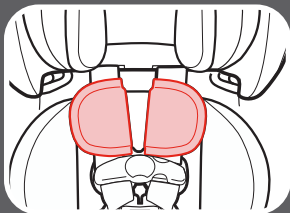


## 7 Accessories

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

#### **! WARNING!**

**To prevent ejection in sudden stop or crash: The infant head support and body support can be used only for children weighing 20 lb (9 kg) or less.**



#### ***Harness Covers***

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

To remove, undo the fastening strips and remove.

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

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

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.

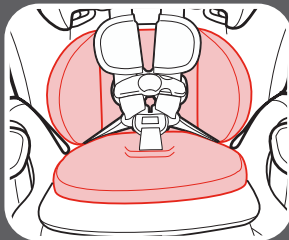
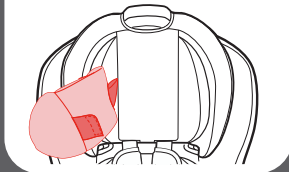
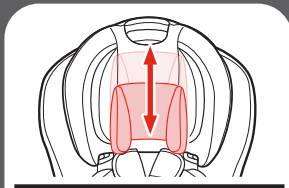
To remove, undo the fastening strips and pull the straps out of the headrest.

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

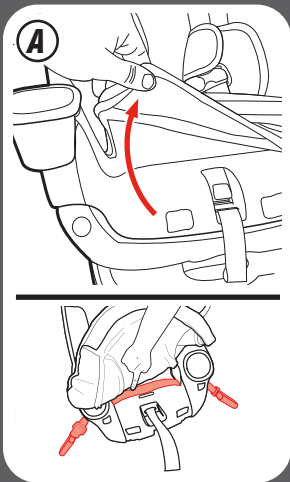
**Use only in the rear-facing mode.**

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

Never allow body support to bunch or fold behind child.

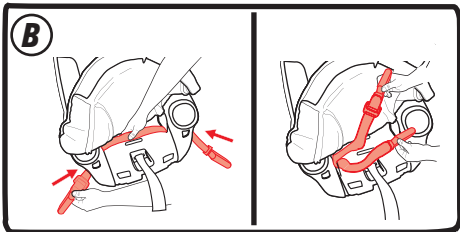


## 8-A Moving Lower Anchor Attachment



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

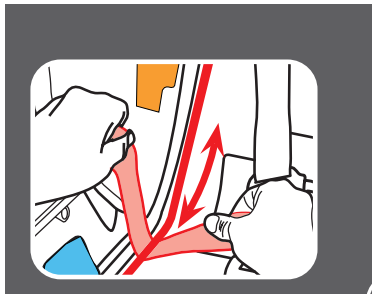
- A. Undo the seat pad from the fastening strips on both sides.
- B. Pull the lower anchor straps out of the belt path opening, so that the lower anchor connectors end up on the same side of the child restraint.



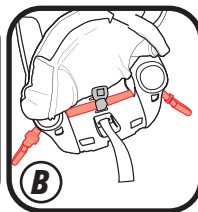
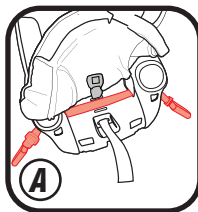
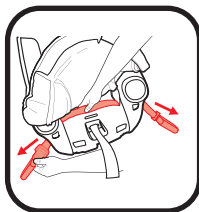
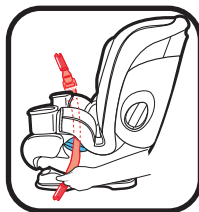
**2. Slide Entire Lower Anchor Strap Along Bar to Correct Belt Path Opening**

**Rear-Facing:** Slide lower anchor strap down to the blue label.

**Forward-Facing:** slide the lower anchor strap up to the orange label.



**3. Feed the Lower Anchor Connector with the Adjuster Closest to it Through the Chosen Belt Path**



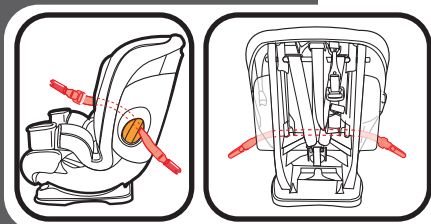
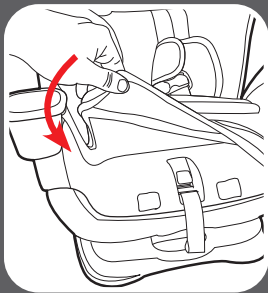
**Rear-Facing:** Make sure the lower anchor strap is in front of the buckle strap when the buckle is in the inner-most position **(A)**, and in behind when in the outer-most position **(B)** and that it is flat and is not twisted.



**8**

**Moving**  
Lower Anchor Attachment

## 8 Moving Lower Anchor Attachment



**Forward-Facing:** Make sure the strap is flat and not twisted.

### 4. *Replace the Seat Pad Fabric on the Front of the Child Restraint*

## 9 Anti-Rebound Bar

### Attaching the Anti-Rebound Bar

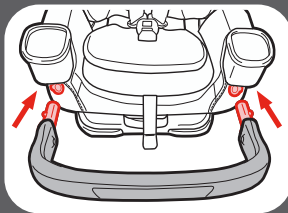
#### (Rear-Facing Only)

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

Insert the ends of the Anti-Rebound Bar into the holes on the front of the car seat until the bar **CLICKS** into place.

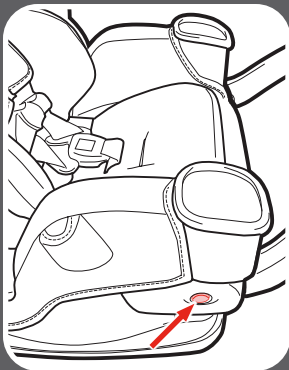
Install with the Anti-Rebound Bar rising upwards. **DO NOT** install with the Anti-Rebound Bar dipping downwards.

- Do not carry the car seat by holding onto the Anti-Rebound Bar.



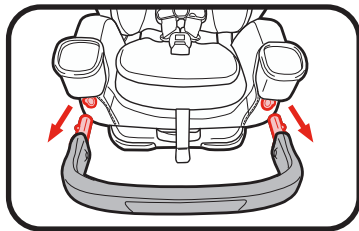
9 Anti-Rebound Bar

## 9 Anti-Rebound Bar



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

Push the buttons on both sides of the car seat at the same time to remove the Anti-Rebound Bar.



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

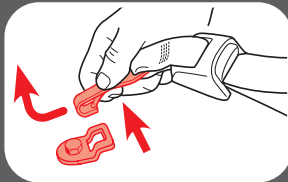
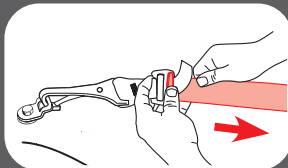
### **Lower Anchor Connectors**

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

### **Tether**

To remove, press the grey button and pull out on the strap 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 owner's manual for seating locations.*

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

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

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

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

## 10-C Unsafe Vehicle Seat Locations

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



rear-facing or side-facing  
vehicle seats



rear-facing with an  
active front air bag



booster mode with vehicle  
lap belt only seat belt

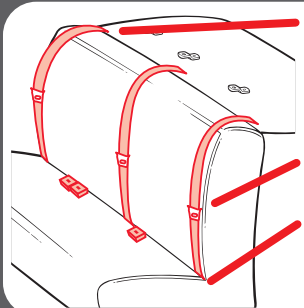


## 10-D Vehicle Seat Belts

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

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

### *Vehicle Seat Belt Terms*



#### **Retractor**

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

#### **Latch Plate**

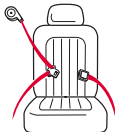
The male end of the seat belt with the silver tongue.

#### **Seat Bight**

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

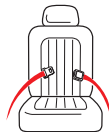
## Identify Your Seat Belt Type

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



### Lap/Shoulder Belt

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



### Lap Belt Only

2 connection points.

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



Lap Belt with Motorized Shoulder Belt



Lap Belt or Shoulder Belt Mounted on Door

Belts Forward of the Seat Bight



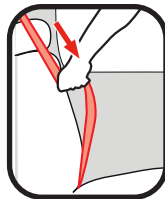
Some vehicles you may not get a secure fit. Read both your vehicle and car seat manuals.

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

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

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

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



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

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

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

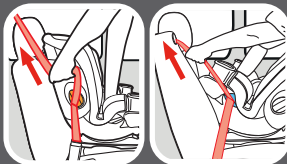
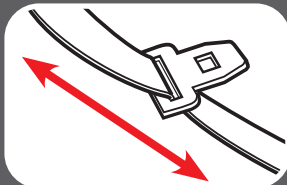
A latchplate that slides freely on the belt webbing and cannot, by itself, hold the belt snug around a car seat.

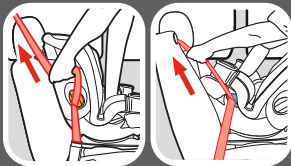
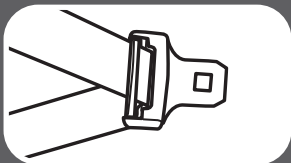
When installing the car seat, route the vehicle seat belt through the proper belt path and buckle it in.

**Slowly pull the shoulder belt all the way out to switch it to locking mode.** Then, as you pull the vehicle seat belt tight, feed all the slack back into the retractor.

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

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





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

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

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

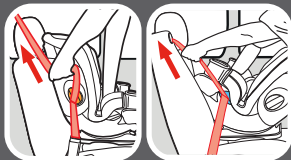
Grab the sides of the seat at the belt path and slide the seat side-to-side and front-to-back. The seat should not move more than 1” (2.5 cm).

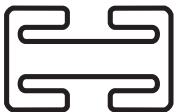
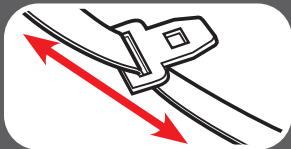
### ***Sliding Latch Plate and ALR Retractor***

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

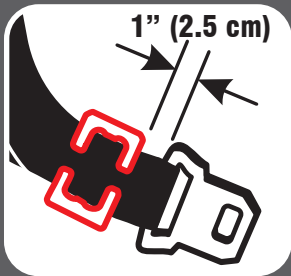
**Slowly pull the shoulder belt all the way out.** Route the vehicle seat belt through the proper belt path and buckle it in. Then, as you pull the vehicle seat belt tight, feed all the slack back into the retractor.

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





**Locking Clip**



### ***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, 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.

## Lap Belt Installation

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

### **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.

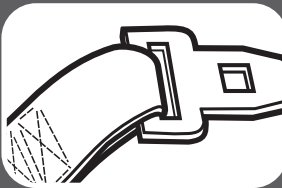
### **Sewn On Latch Plate and ALR**

#### **Slowly pull the lap belt all the way out.**

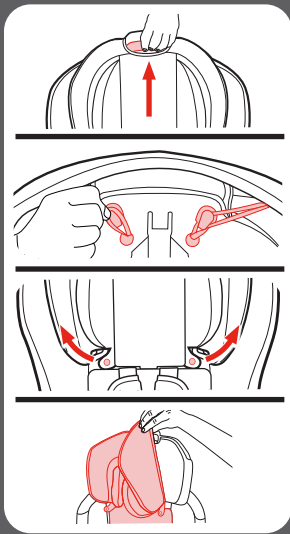
Route the vehicle seat lap belt through the proper belt path and buckle it in. Then, pull the lap belt tight while feeding all the slack back into the retractor.



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



## 11-A Cleaning 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.

Raise the headrest to the highest position.

Undo elastic loops behind head support.

Slide the elastic retaining loops out of the belts guides.



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

Peel cover off headrest.

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.

## Seat Pad

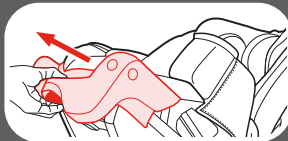
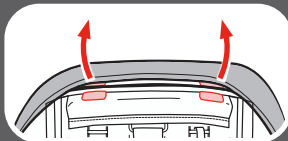
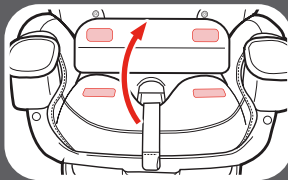
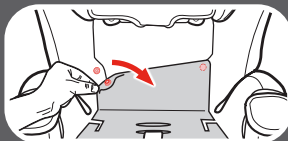
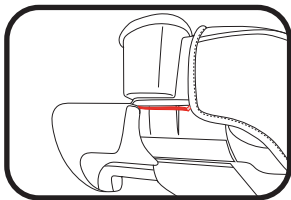
Clean with a damp sponge using mild soap and cool water. If needed, pad may be removed for cleaning.

To remove front seat pad, unsnap from back seat pad. Undo the front seat pad from the fastening strips on both sides.

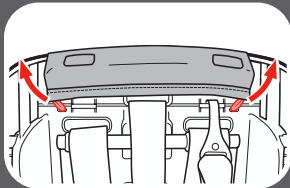
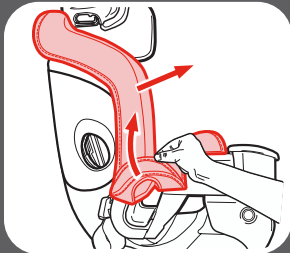
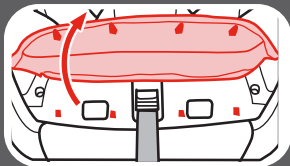
From the back of the seat, undo the 2 fastening strips at the top of the seat pad.

Squeeze the adjustment handle and pull the leg extension panel out.

Undo the elastic straps behind the extension panel on the side of the seat.



## 11 Care & Cleaning



Remove the front retainers by pulling the front end of the pad away from the seat. Remove the retainers from the pad before machine washing. Untuck the seat pad from around the booster belt guide and remove the pad from the shell.

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.

From the back of the seat, undo the 2 elastic straps and remove the pad from the front of the seat.

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.

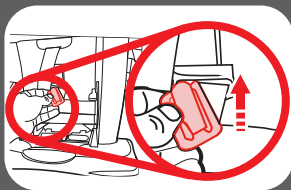
## 11-B Cleaning Buckle

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.



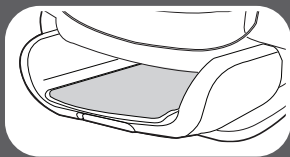
**WARNING!** Inspect and clean buckle from time to time to remove any objects or debris that could prevent latching.



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

Surface wash only with mild soap and damp cloth. **DO NOT IMMERSE THE HARNESS STRAPS, 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.

## 11-D Cleaning Extend2Fit® Extension Panel



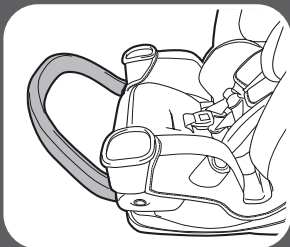
Use only mild soap and water to clean the extension panel.

**DO NOT USE BLEACH** or other chemicals. Avoid spilling drinks on the extension panel.

## 11-E Cleaning Anti-Rebound Bar

Use only mild soap and water to clean the Anti-Rebound Bar.

DO NOT USE BLEACH or other chemicals. Avoid spilling drinks on the Anti-Rebound Bar.



11  
Care &  
Cleaning

## Replacement Parts

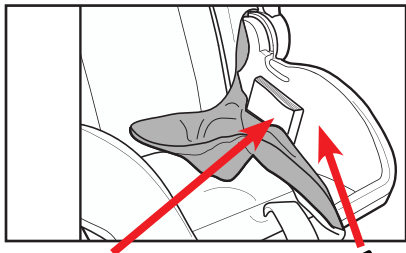
To purchase parts or accessories in the United States, please contact us at the following:

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

or

**1-800-345-4109**

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Store the instruction manual  
under the seat pad as shown.