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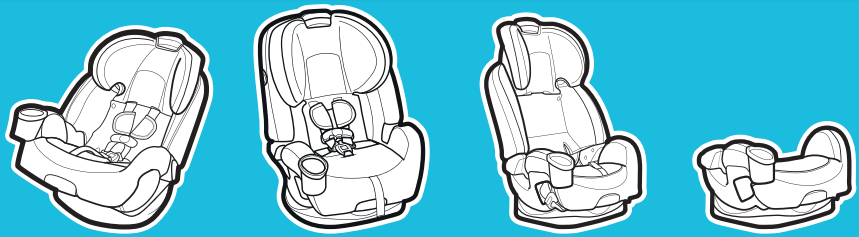
www.gracobaby.com

GROWS4ME™

4-IN-1 CAR SEAT

Read This Instruction Manual



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

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

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1-A Quick Guide to Your Manual

This car seat is for children: ***Rear-Facing: 5-40 lb (2.3-18 kg)***
Forward-Facing: 22-65 lb (10-30 kg)
Highback Booster: 40-100 lb (18.1-45 kg)
Backless Booster: 40-110 lb (18.1-50 kg)

- Infants who weigh less than 22 lb (10 kg) **MUST be rear-facing**. Review section 1-C for more information.

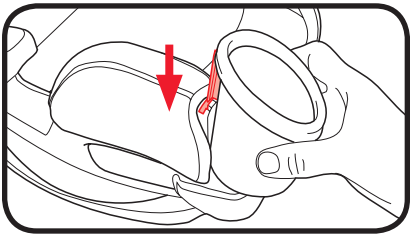
Note: Preterm or low birth weight infants may be at special risk in a vehicle or aircraft. According to the AAP, these infants may suffer breathing issues if improperly reclined in a car seat. When rear-facing, use the corrected age for preemies. Graco advises that you have your physician or hospital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

Install Cup Holder

Cup holders must be installed.

To attach the cup holder, align the tab on the cup holder with the slot in the seat and slide down.

You will hear a "Click" when they are secured in place.



Get to Know Your Car Seat

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

What Seating Location Should I Use?

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

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

Some vehicles have specific requirements for where the car seat can be installed, so be sure to check your vehicle owner's manual for available seating positions, if any. For example, sometimes the center rear seat has a lap belt only vehicle seat belt, which cannot be used when this car seat is in Booster mode.

Review section 9-C, 9-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 infant child restraint.

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

Which Installation Method Should I Use?

This car seat can be installed in your vehicle using either the vehicle seat belt ***OR*** the LATCH system. Both are equally safe to use. DO NOT USE BOTH AT THE SAME TIME IN THE 5-POINT HARNESS MODE.

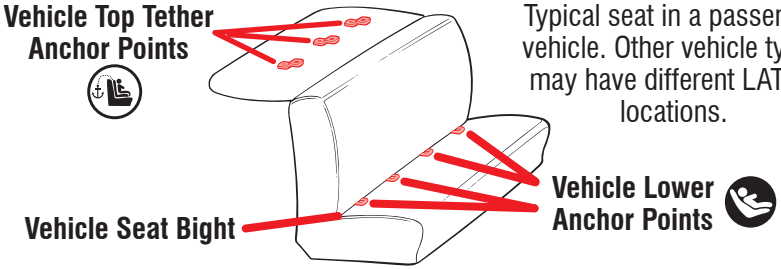
Vehicle Seat Belt: Review section 9 and your vehicle owner's manual to learn how to install your car seat with the vehicle seat belts.

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

What is LATCH?

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

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



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

1 Important

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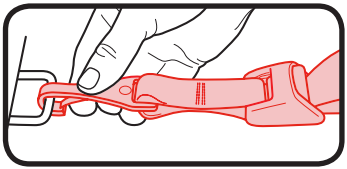
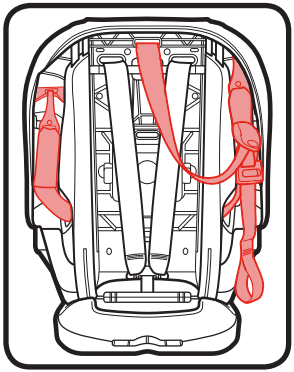
When Installing Rear-Facing or Forward-Facing

LATCH System

LATCH consists of lower anchors, which are built-in to your vehicle, and connecting hooks that are built-in your car seat.

Review section 3-B, 4-B of this manual AND your vehicle owner's manual before installing.

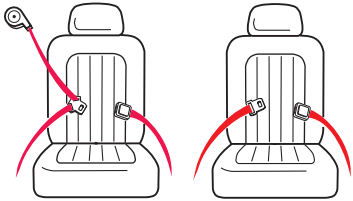




Vehicle Seat Belt

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

Review section 3-C, 4-C and 9 of this manual AND your vehicle owner's manual before installing.

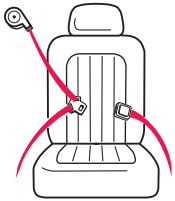


When Installing As a Booster

Vehicle Seat Belt

Only use the Lap/Shoulder seat belt configuration.

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



1 Important

Does Your Car Seat Fit Your Child Correctly?

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

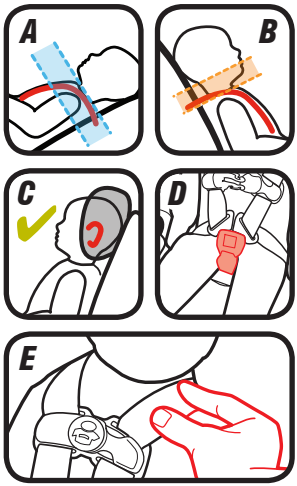
For Rear-Facing and Forward-Facing, You Need to Adjust:

Harness Height, Rear-Facing (A)
Harness straps at or just below the child's shoulders. Review section 6.

Harness Height, Forward-Facing (B)
Harness straps at or just above the child's shoulders and top of child's ears below top of headrest **(C)**. Review section 6.

Buckle Position (D)
The correct slot is the one that is closest to your child without being underneath them. Review section 6.

Harness Tightness (E)
If your fingers slide off the harness straps without pinching the straps, it is tight enough. Review section 6.

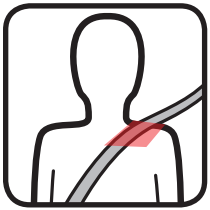


For Booster, You Need to Adjust:

Use Lap/Shoulder Belt Only

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

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



1 Important

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Did You Do Everything Correctly?

Rear-Facing

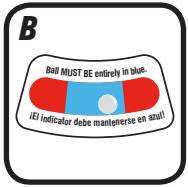
Car Seat Does Not Move More than 1” (2.5 cm) at the Belt Path (A)
Review section 3

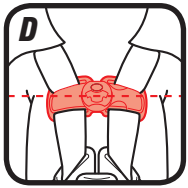
Level Indicator’s Ball in the Blue Zone (B)
Review section 3

Harness Straps at or Just Below the Child’s Shoulders (C)
Review section 6.

Chest Clip Even With Armpits (D)
Review section 6

Cannot Pinch Harness Straps at the Shoulder (E)
Review section 6





Forward-Facing

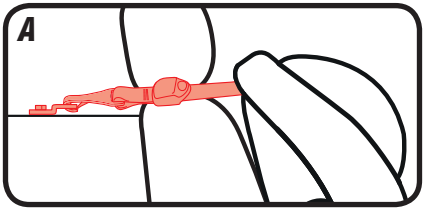
Use the top tether strap when using forward-facing (A)
When used properly, the top tether helps reduce injury in a sudden stop or crash.
Review section 4

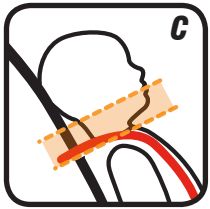
Car Seat Does Not Move More than 1” (2.5 cm) at the Belt Path (B)
Review section 4

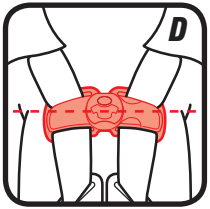
Harness Straps at or Just Above Child’s Shoulders (C)
Review section 6

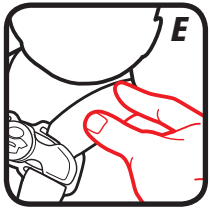
Chest Clip Even With Armpits (D)
Review section 6

Cannot Pinch Harness Straps at the Shoulder (E)
Review section 6









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Booster

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

1-B Welcome to the Graco Family!

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

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

continue next page

1-C Right Mode of Use

5 lb (2.3 kg)	22 lb (10 kg)	40 lb (18 kg)	65 lb (30 kg)	110 lb (50 kg)

Rear-Facing with 5-Point Harness
5-22 lb (2.3-10 kg) less than 1 year old **MUST** be rear-facing.
22-40 lb (10-18 kg) **SHOULD** be rear-facing.

Forward-Facing with 5-Point Harness
22-40 lb (10-18 kg) can sit upright unassisted **CAN** be forward-facing.
40-65 lb (18-30 kg) **SHOULD** be forward-facing.

Booster Mode with Vehicle Lap/Shoulder Seat Belt
40-65 lb (18.1-30 kg) **CAN** be in highback booster mode.
40-65 lb (18.1-30 kg) **CAN** be in backless booster mode.
Over 65 lb (30 kg) **MUST** be in booster mode.

*Check your state laws and the AAP/NHTSA recommendations.
Review page 23 more for information.

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.**

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

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.

continue next page

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 • www.seatcheck.org • www.safekids.org

Certification

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

This child restraint is certified for use in aircraft only when used with the internal harness system. Use only on forward-facing aircraft seats. Follow the instructions for vehicle installation. For rear-facing installation, see section 3-C and 9-D Lap Belt Installation. For forward-facing installation, see section 4-C and 9-D Lap Belt Installation, but do not use top tether.

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

Contact the airline for their specific polices.

Note: To prevent damage to the seat, lower the headrest when checking the car seat at the airport.

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.

! 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.

! Children are safer riding rear-facing and should ride rear-facing for 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.*

*Graco supports the American Academy of Pediatrics and National Highway Traffic Safety Administration's Car Seat Guidelines. Visit www.gracobaby.com/en-US/safety for information on car seat usage recommendations.

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

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

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

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

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

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

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

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

! DO NOT use accessories or parts other than those provided by Graco except for a thin towel or mat to protect your vehicle seat or rolled towels or pool noodles to help get your car seat level. Their use could alter the performance of the car seat.

! DO NOT remove LATCH system from car seat. If using vehicle seat belt to secure car seat, LATCH connectors must be stored.

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

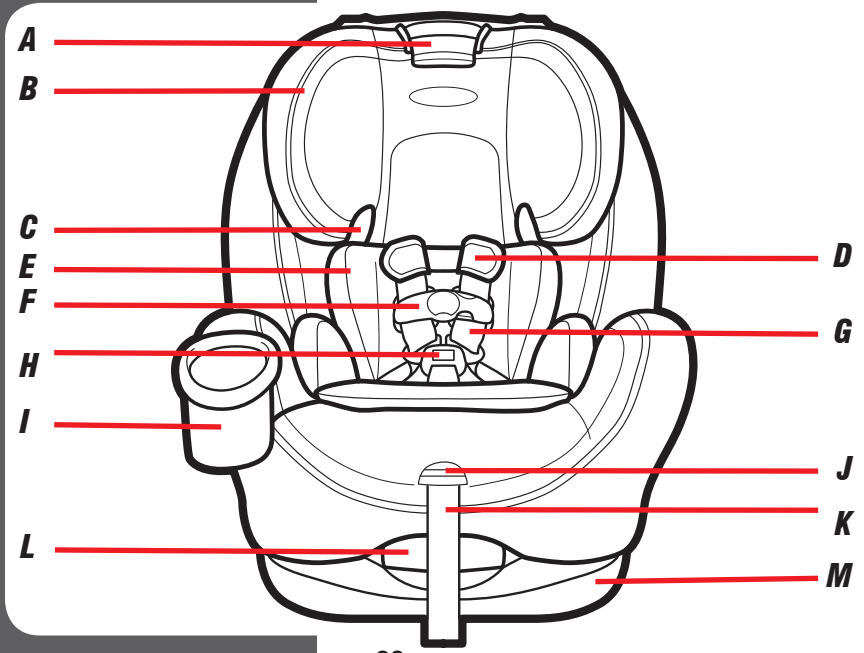
! Rear-facing car seat must be properly leveled:

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

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

! Do not use both the vehicle seat belt and LATCH strap at the same time when using the car seat forward-facing with the 5-point harness.

2-A Car Seat Features



A Headrest/Harness Adjustment Lever

B Headrest

C Booster Shoulder Belt Guide

D Harness Covers

E Infant Body Support

F Chest Clip

G Harness Straps

H Buckle

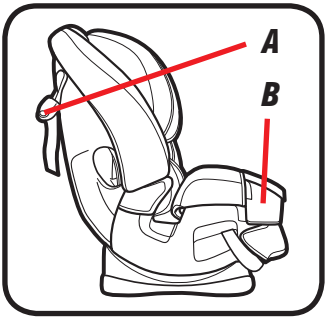
I Cup Holder

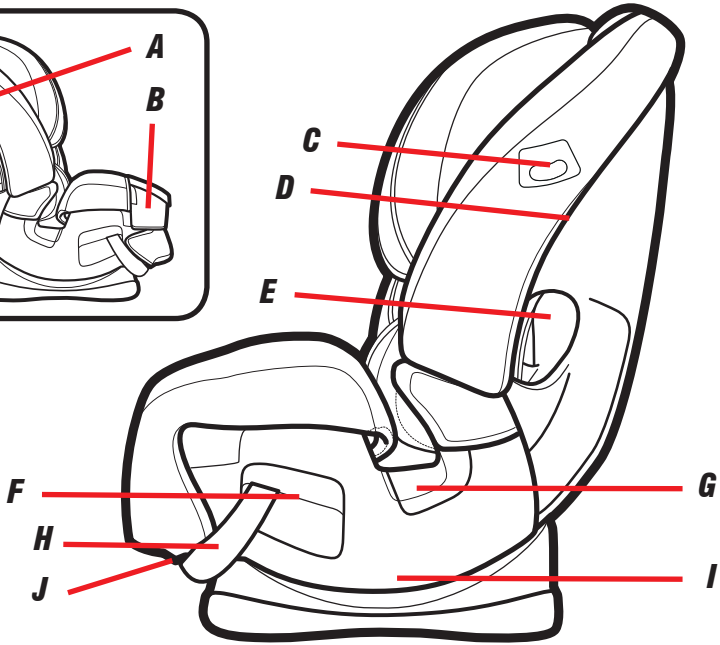
J Harness Release Lever

K Harness Adjustment Strap

L Recline Handle

M Seat Base


A
B


C
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J

A Top Tether Strap

B Cup Holder

C Level Indicator

D Forward-Facing LATCH Strap Storage

E Forward-Facing Belt Path

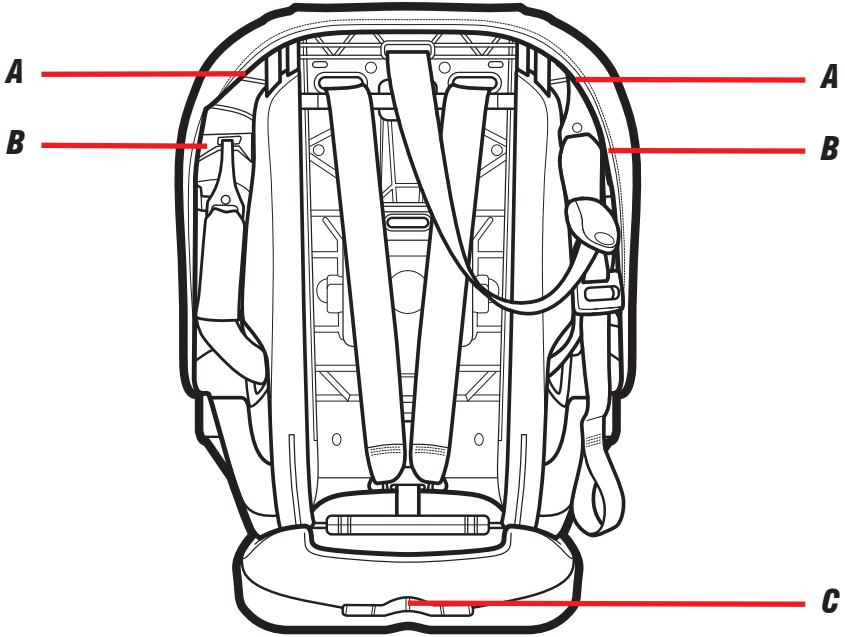
F Rear-Facing Belt Path

G Booster Lap Belt Path

H LATCH Strap

I Recline Position Indicator

J Rear-Facing LATCH Strap Storage (under seat)

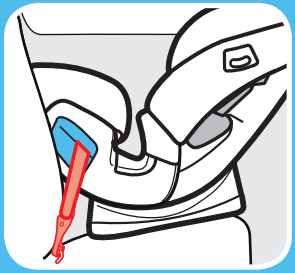

A
B
A
B
C

A Top Tether Strap Storage

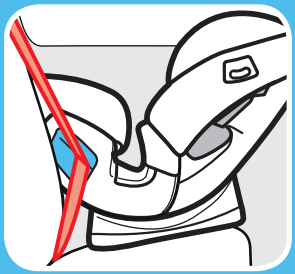
B Forward-Facing LATCH Strap Storage

C Instruction Manual Storage

3-A Rear-Facing Use



LATCH Strap



Vehicle Seat Lap/ Shoulder Belt

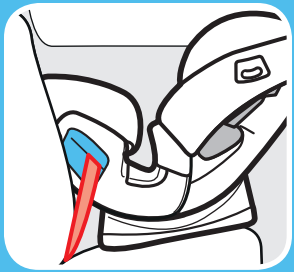
Rear-Facing:
5-40 lb (2.3-18 kg) and whose head is at least 1” (2.5 cm) below the headrest adjustment handle

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

- 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!

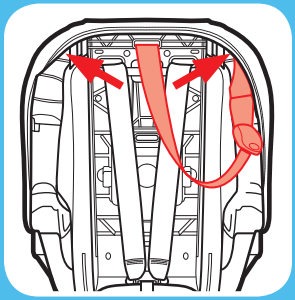
NEVER place this child restraint rear-facing in a vehicle seating location that has an active front air bag.



Vehicle Seat Lap Belt

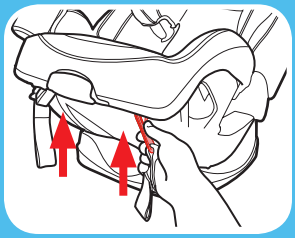
3-B Install Rear-Facing with LATCH

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



1. Store Top Tether Strap

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

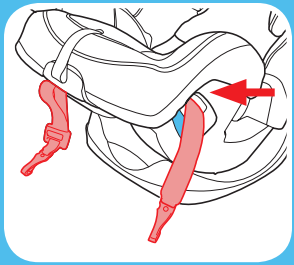


2. Remove LATCH Strap from Storage Location

Unhook the LATCH hooks and remove from storage position.

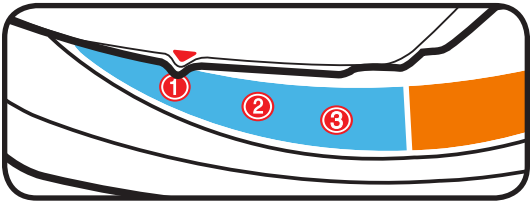
3. *Make Sure LATCH Strap is in the Rear-Facing Belt Path Marked With a Blue Label*

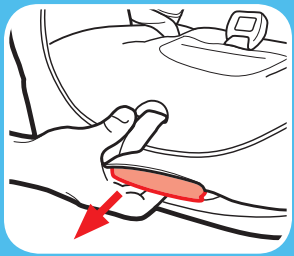
If not, See section 7 to move LATCH strap.



4. *Recline the Car Seat*

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





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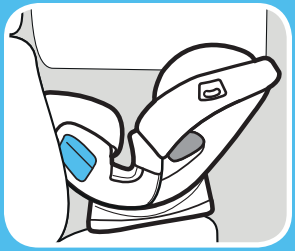
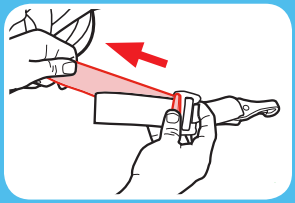
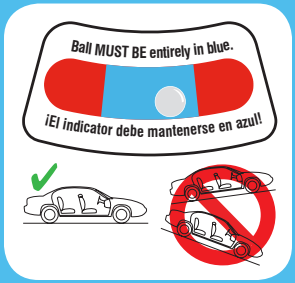






5. *Place Car Seat Rear-Facing in Back Seat of the Vehicle*

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

6. *Extend the LATCH Strap*

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

7. *Check the Level Indicator*

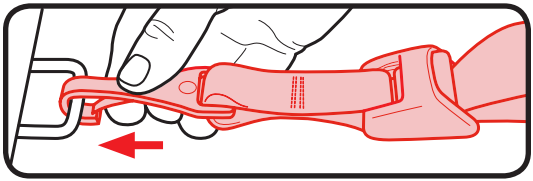
Vehicle **MUST** be on level ground.

Check the level indicator on the car seat. The **ball must be completely within** the blue zone.

Adjust the recline until the ball is completely within the blue zone.

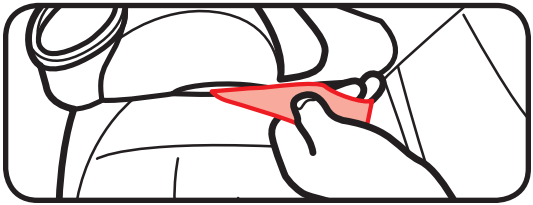
8. Attach LATCH Hook to Vehicle's Lower LATCH Anchors

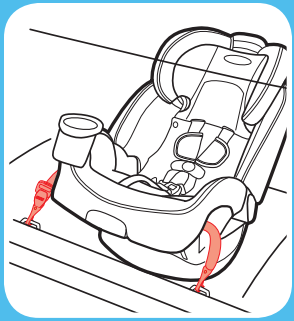
LATCH strap should lie flat and not be twisted.

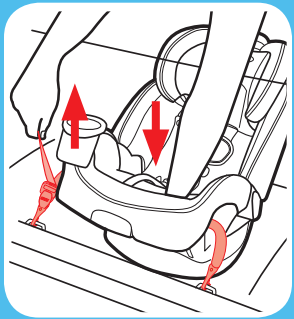


9. Tighten the LATCH Strap

Press down firmly in the center of the car seat while tightening the LATCH strap. You may need to tighten through the slit in the pad at the belt path as shown.







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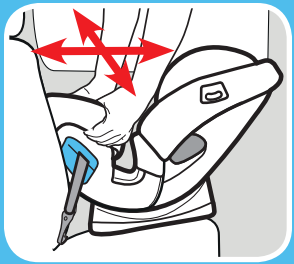
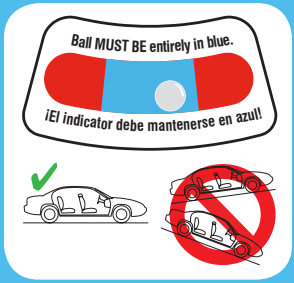




10. Test For Tightness

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

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

11. Check the Level Indicator

Vehicle **MUST** be on level ground.

Check the level indicator on the car seat. The **ball must be completely within** the blue zone. Readjust if needed.

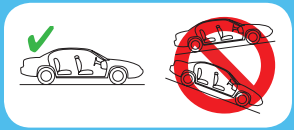
See section 6-A to secure your child.

Recheck the level indicator with child in seat.

Is Everything Correct?

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

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

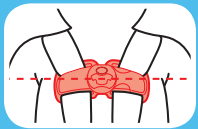


Harness Straps at or Just Below the Child’s Shoulders.

Review section 6

Chest Clip Even With Armpits

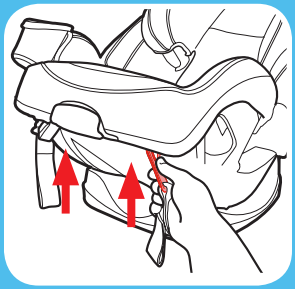
Review section 6

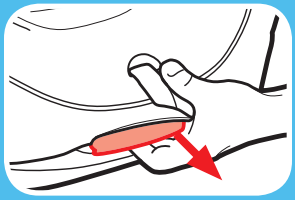


Cannot Pinch Harness Straps at the Shoulder

Review section 6

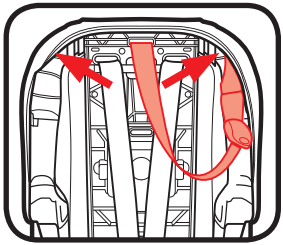
3-C Install Rear-Facing with Vehicle Seat Belt





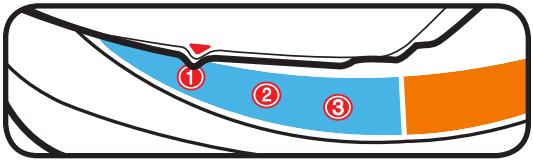
1. Store Top Tether and LATCH

Attach tether and LATCH hooks to the plastic bars as shown.



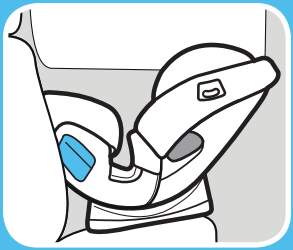
2. Recline the Car Seat

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



3. *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.

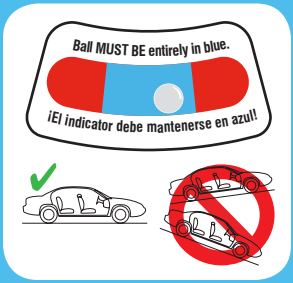


4. *Check the Level Indicator*

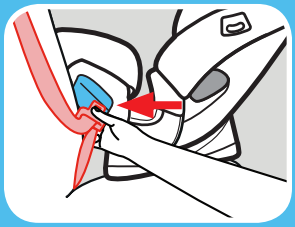
Vehicle **MUST** be on level ground.

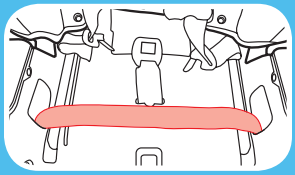
Check the level indicator on the car seat. The **ball must be completely within** the blue zone.

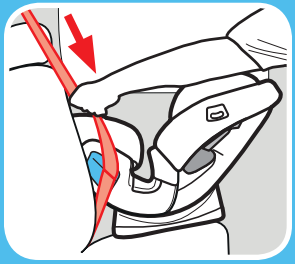
Adjust the recline until the ball is completely within the blue zone.



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







5. 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.

6. 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 9-D.

7. *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.

8. *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.

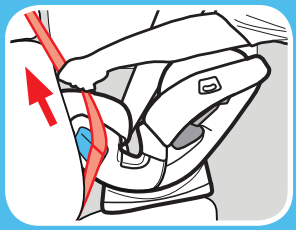
9. *Check the Level Indicator*

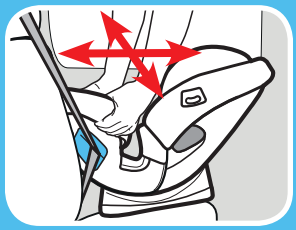
Vehicle **MUST** be on level ground.

Check the level indicator on the car seat. The **ball must be completely within** the blue zone. Readjust if needed.

See section 6-A to secure your child.

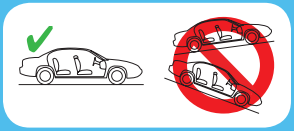
Recheck the level indicator with child in seat.





Is Everything Correct?

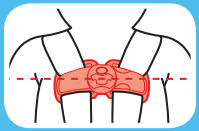
Car Seat Does Not Move More than 1” (2.5 cm) at the Belt Path



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

Harness Straps at or Just Below the Child’s Shoulders.

Review section 6



Chest Clip Even With Armpits

Review section 6

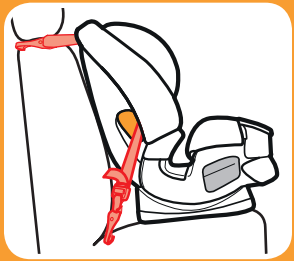
Cannot Pinch Harness Straps at the Shoulder

Review section 6

4-A Forward-Facing Use

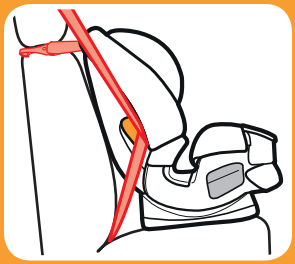
Forward-Facing:
22-65 lb (10-30 kg)
49” (125 cm) or less

- **For children 40 lb or less (18 kg), MUST use recline position 4 or 5.**
For children over 40 lb (18.1 kg) MUST use recline position 6.
- Place car seat forward-facing in the vehicle back seat.
- Make sure LATCH strap or vehicle seat belt is routed through the forward-facing belt path marked with a orange label.
- Install this car seat tightly in your vehicle. Car seat **should not move** at the forward-facing belt path more than 1” (2.5 cm) from side to side, front to back.
- Harness straps need to be **even with or just above** the top of child’s shoulders and chest clip is at **armpit level**.

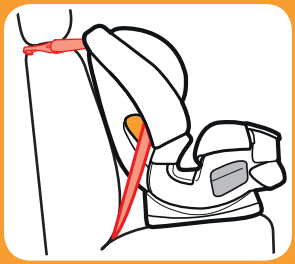


LATCH Strap with Top Tether Strap

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



Vehicle Lap/Shoulder Belt with Top Tether Strap



Vehicle Seat Lap Belt with Top Tether Strap

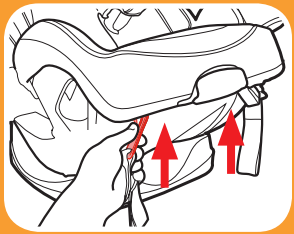
- Children are safer riding rear-facing and should ride rear-facing as long as possible, until they reach the maximum rear-facing height or weight rating for their car seat. Then children should ride forward-facing, using the the built-in harness system for as long as possible until they reach the maximum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

4-B Install Forward-Facing with LATCH

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

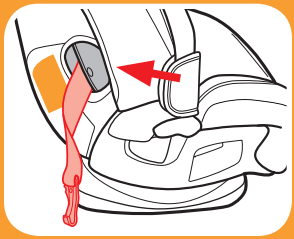
1. ***Remove LATCH Strap from Storage Location***

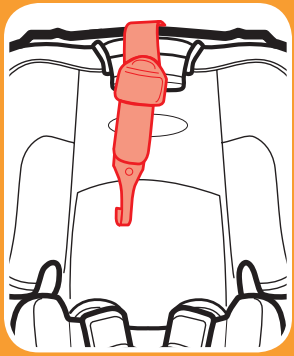
   Unhook the LATCH hooks and remove from storage position.

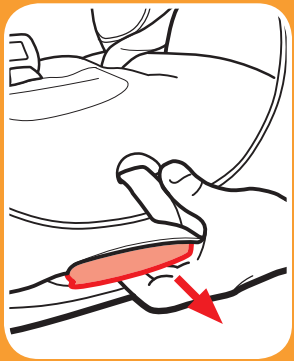


2. ***Make Sure LATCH Strap is in the Forward-Facing Belt Path Marked with Orange Label***

   If it is not, see section 7-A to move LATCH strap.

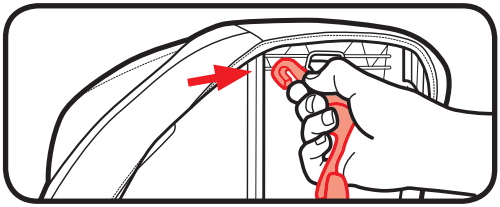






3. Unhook Top Tether Strap From Storage

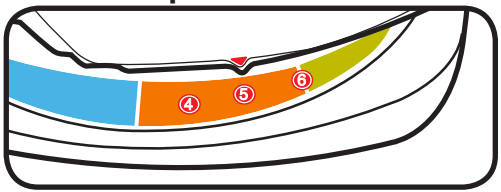
Unhook tether and lay it in the seat.



4. Recline the Car Seat

Pull out the recline handle and place the car seat in 4th, 5th or 6th recline position.

For children 40 lb or less (18 kg), MUST use recline position 4 or 5.
For children over 40 lb (18.1 kg) MUST use recline position 6.

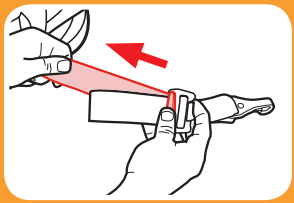


5. *Place Car Seat Forward- Facing in Back Seat of the Vehicle*

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

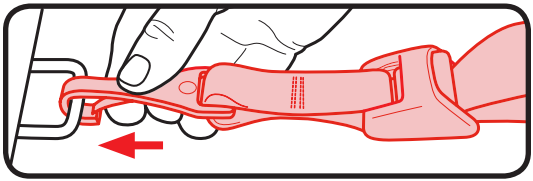
6. *Extend the LATCH Strap*

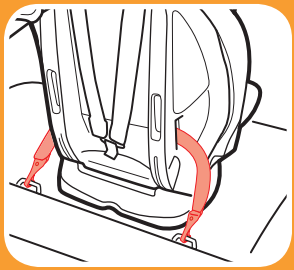
For easier installation, extend the LATCH strap to its maximum length by pressing the grey button and pulling on the strap.

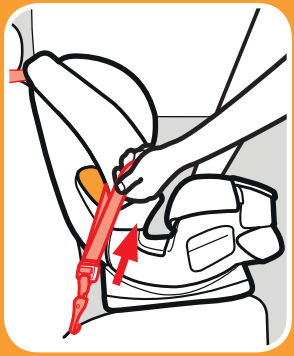


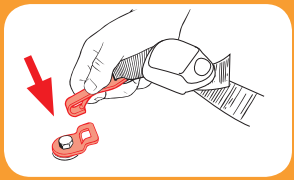
7. *Attach LATCH Hooks to Vehicle's Lower LATCH Anchors*

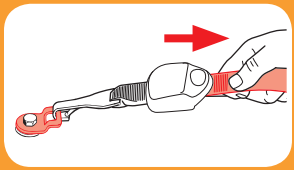
LATCH strap should not be twisted.





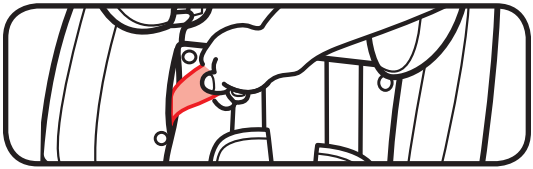




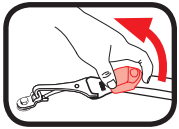


8. Tighten the LATCH Strap

Press down firmly in the center of the car seat while tightening the LATCH strap. You may need to tighten through the slit in the pad at the belt path as shown.



9. Attach Top Tether Strap



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

Consult vehicle's owner manual for specific location.

10. Tighten Top Tether Strap

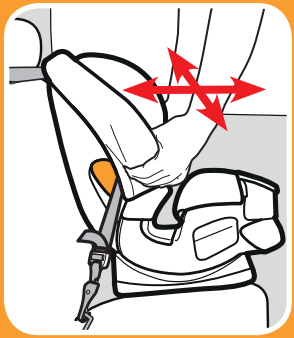
Remove all the slack.

11. Test For Tightness

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

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

See section 6-A to secure your child.

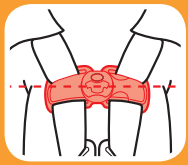


Is Everything Correct?

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

Harness Straps at or Just Above the Child’s Shoulders.

Review section 6



Chest Clip Even With Armpits

Review section 6

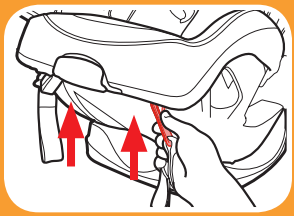
Cannot Pinch Harness Straps at the Shoulder

Review section 6

4-C Install Forward-Facing with Vehicle Seat Belt

1. Store LATCH Straps

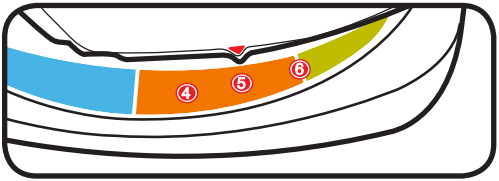
Attach LATCH hooks to the plastic bars as shown.

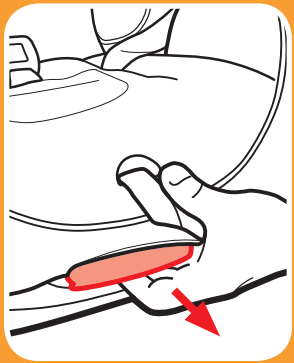


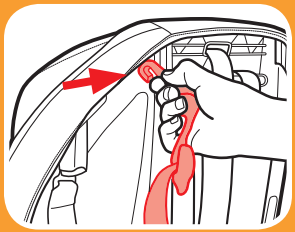
2. Recline the Car Seat

Pull out the recline handle and place the car seat in 4th, 5th or 6th recline position.

For children 40 lb or less (18 kg), MUST use recline position 4 or 5.
For children over 40 lb (18.1 kg) MUST use recline position 6.

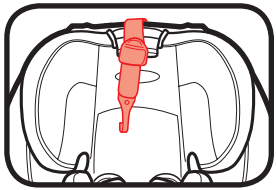






3. Unhook Top Tether Strap From Storage

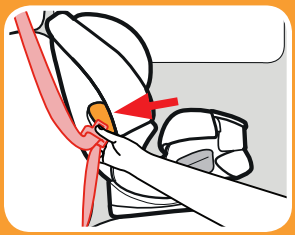
Unhook tether and lay it in the seat.



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

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

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



5. Route the Vehicle Seat Belt

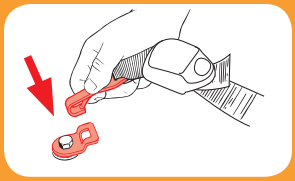
Thread vehicle seat belt through the forward-facing belt path (marked with a orange label) and out the other side. Buckle it. The seat belt should lie as flat as possible and not be twisted.

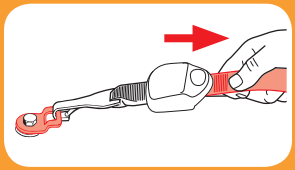
6. Lock the Vehicle Seat Belt

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 9-D.

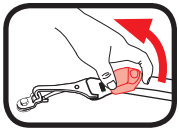
7. Tighten the Vehicle Seat Belt

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.





8. Attach Top Tether Strap



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

Consult vehicle's owner manual for specific location.

9. Tighten the Top Tether Strap

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

10. Test For Tightness

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

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

See section 6-A 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.

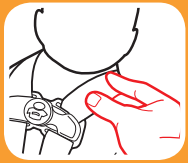
Review section 6

Chest Clip Even With Armpits

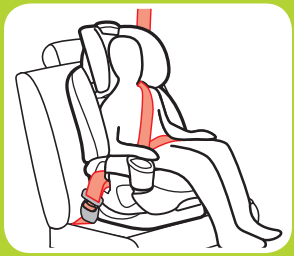
Review section 6

Cannot Pinch Harness Straps at the Shoulder

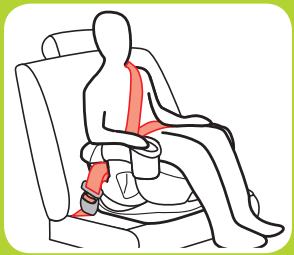
Review section 6



5-A Booster Use



Vehicle Lap/Shoulder Seat Belt



Vehicle Seat Lap/ Shoulder Belt

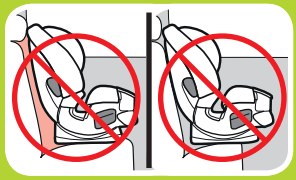
Highback Booster: 40-100 lb (18.1-45 kg) 43-57 in. (110.1-145 cm) at least 4 years old

Backless Booster: 40-110 lb (18.1-50 kg) 43-57 in. (110.1-145 cm) at least 4 years old

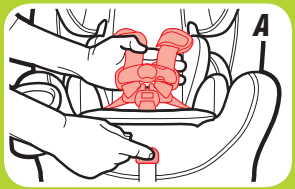
- Place car seat forward-facing in the vehicle back seat.
- Make sure vehicle seat's lap belt is adjusted snugly and lays low on the child's hip and is routed behind the armrest in the booster's belt path marked with green label.
- Vehicle belts **MUST** lie flat against child and **MUST NOT** be twisted.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

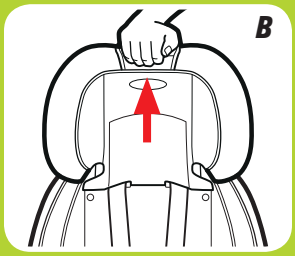
- **DO NOT** position vehicle shoulder belt under the child's arm or back.
- **DO NOT** allow child to slouch or slide down in the booster seat.
- **DO NOT** position vehicle belt over top of armrests.
- Vehicle's seat headrest **SHOULD NOT** create a gap between vehicle seat and booster seat.
- The 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 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.

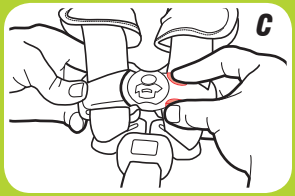
Never Use a Vehicle Lap-Only Belt Across Front of Child



5-B Install Highback Booster





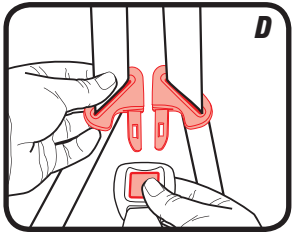


1. Store The Harness System

A. Loosen the shoulder straps as much as possible.

B. Raise the headrest to the highest position.

C. Unbuckle the chest clip and the buckle strap D.



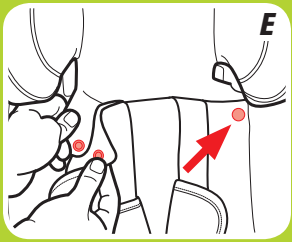
E. Unsnap Pad and Expose Seat Back

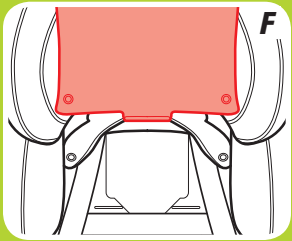
Undo the 2 snaps in the headrest pad.

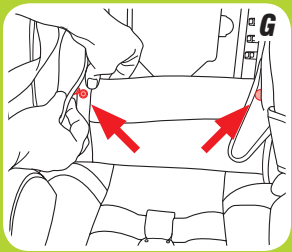
F. Lift the headrest pad flap up out of the way.

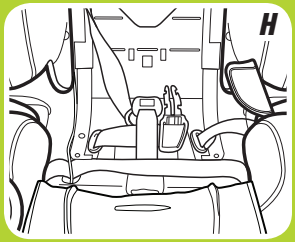
G. Unsnap Bottom Seat Pad

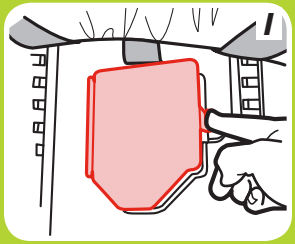
Undo the 2 lower snaps.

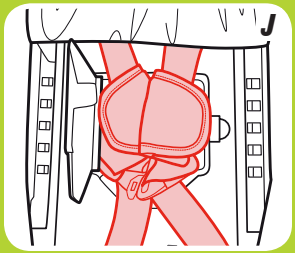








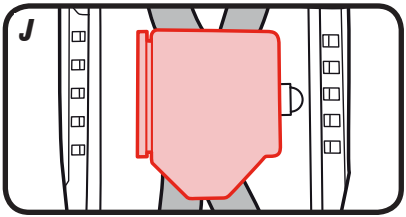




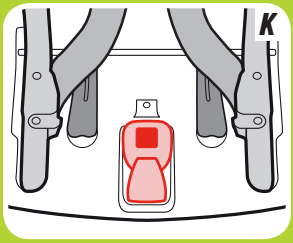
H. Pull Bottom Seat Pad Back To Expose the Plastic Shell

I. Open the Harness Storage Door

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

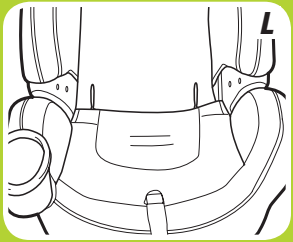


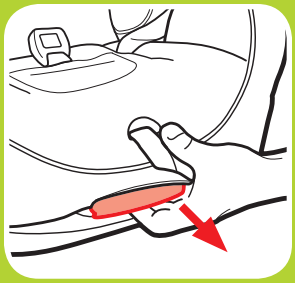
K. Store Buckle as Shown



L. Replace Seat Pad

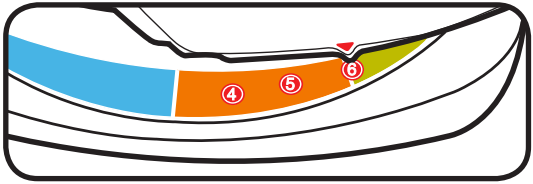
Move the headrest back to its proper position for your child.





2. Adjust the Car Seat

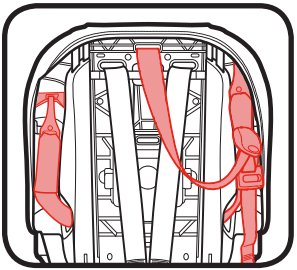
Place the car seat in the 6th recline position.



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

Place forward-facing on a vehicle seat that has a lap/shoulder seat belt. The base should sit as flat as possible on the vehicle seat.

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



Verify the following before using LATCH in the booster mode:

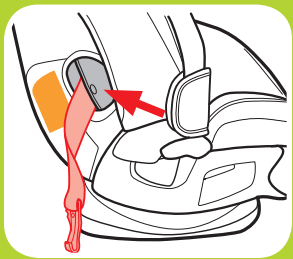
- The LATCH hooks **DO NOT** interfere with any vehicle seat belts or buckles.

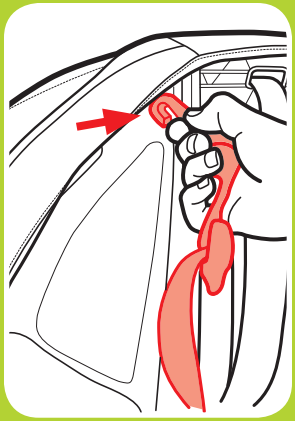
If the LATCH interferes with the vehicle seat belts or if the chosen seating position does not have LATCH, you MUST store the LATCH strap. Store the LATCH straps by clipping the LATCH hooks to the plastic bars as shown. Store the top tether strap as shown.

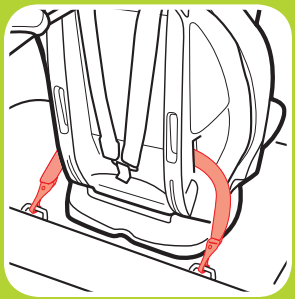
Skip to Step 11 if Not Using LATCH

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

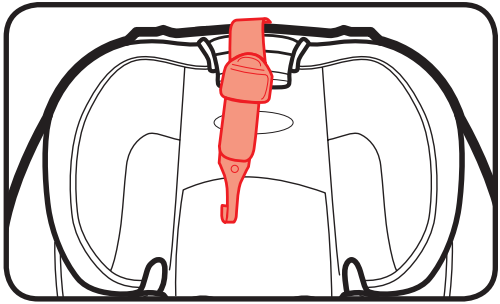
Continue to next step if correct. See section 7 if it is not.





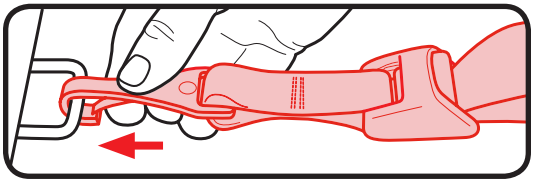


5. Unhook Top Tether Strap From Storage Location and Lay it in the Seat



6. Attach LATCH Hooks to Vehicle's Lower LATCH Anchors

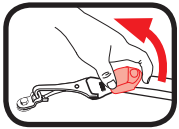
LATCH strap should not be twisted.



7. Tighten the LATCH Strap

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

8. Attach Top Tether Strap

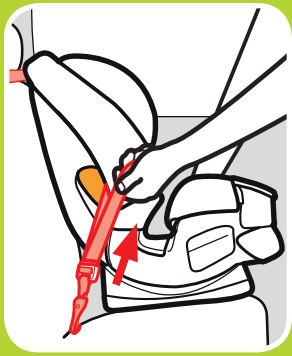


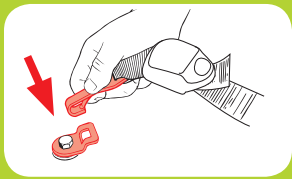
Extend the top tether by lifting up on the tether lock and attach.

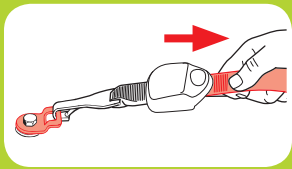
Consult vehicle's owner manual for specific location.

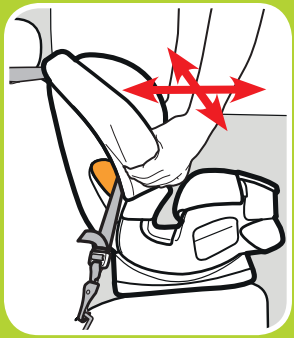
9. Tighten Top Tether Strap

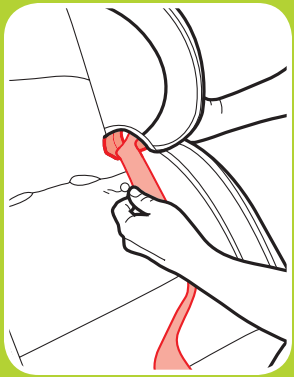
Remove all the slack.











10. Test For Tightness

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

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

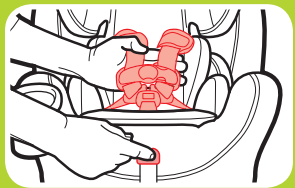
See section 6-B to secure your child.

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

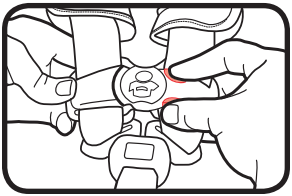
5-C Install Backless Booster

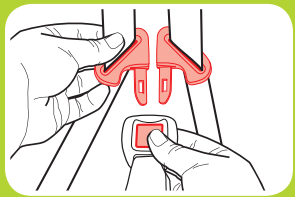
1. Remove the Seat Back by First Loosening the Harness Straps

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

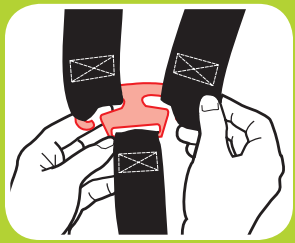


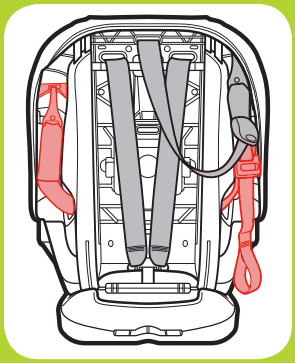
Unbuckle the chest clip and the buckle strap.

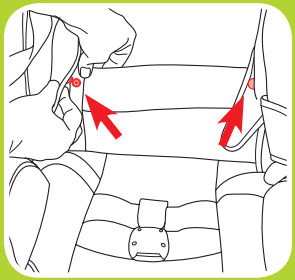




2. Remove Harness Straps from Splitter Plate







3. *Make Sure LATCH Straps are in the Forward-Facing Belt Path and in the Stored Position*

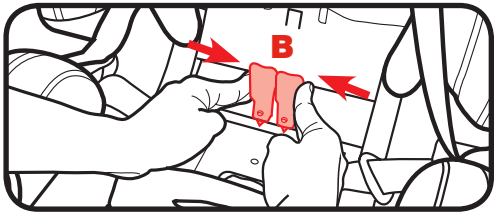
See section 7 to change positions.

4. *Unsnap Bottom Seat Pad*

Unsnap seat pad and expose the bottom of seat base.

5. Lift the Red Backrest Lock Up

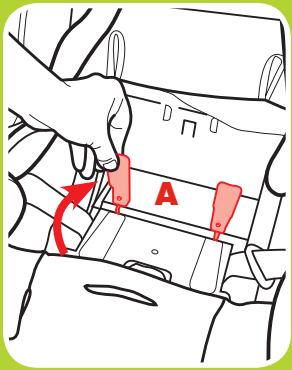
With the car seat in the 6th recline position, lift the red backrest locks up (A) and slide together (B).

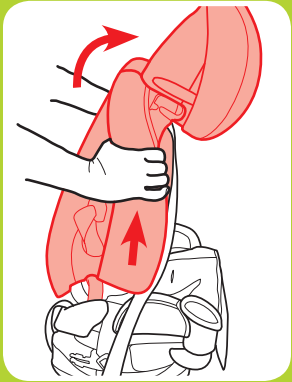


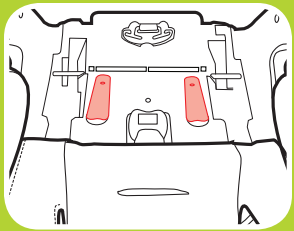
6. Remove Seat Back from Seat Base

Push the seat back up and lift out of base.

To replace the seat back, reverse steps 4 though 6.

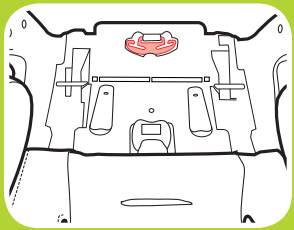






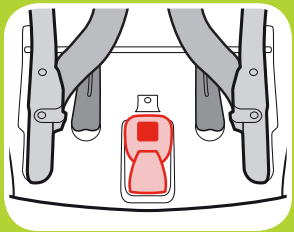
7. Relock the Red Backrest Locks

Make sure they are both flat and locked into place



8. Store Splitter Plate

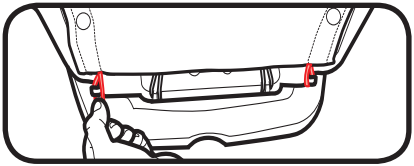
Pull the harness adjustment strap all the way out and then store the splitter plate.

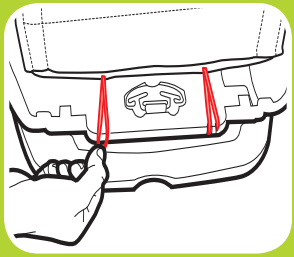


9. Store Buckle Strap

10. Attach Base Pad to the Back of Base

Attach the elastic straps onto base as shown.

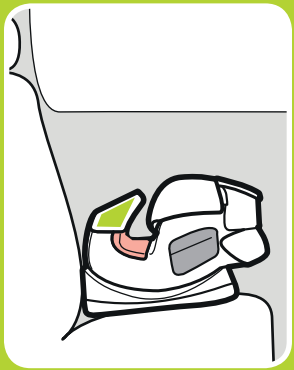




11. Place the Booster Seat Forward-Facing in the Back Seat of Vehicle

Place forward-facing on a vehicle seat that has a lap/shoulder seat belt. The base should sit as flat as possible on the vehicle seat.

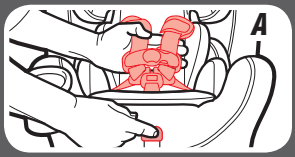
See section 6-C to secure your child.

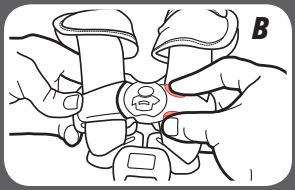


⚠WARNING!

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

6-A Securing Child 5-Point Harness

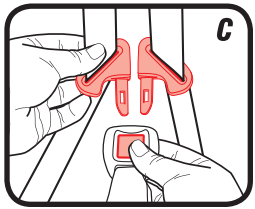




1. Loosen Harness Straps

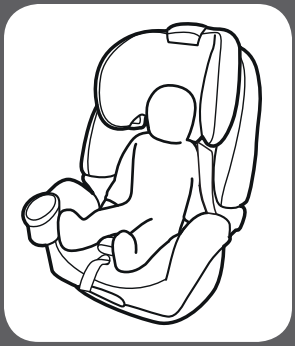
(A) Lift up on the harness release lever while pulling out on the harness straps at the chest clip.

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



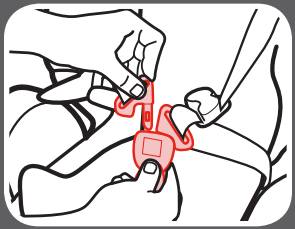
2. Place Your Child in the Seat

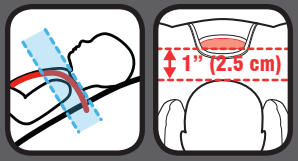
Make sure their back is flat against the car seat back.



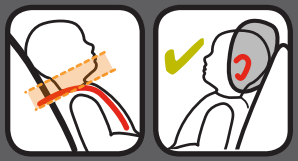
3. Place Harness Straps Over Child's Shoulders and Buckle

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

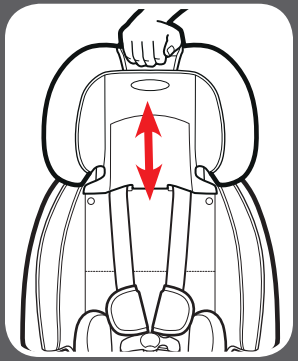




Rear-Facing



Forward-Facing



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

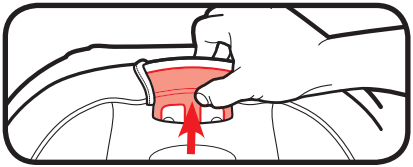
Rear-Facing: Harness straps must be **at or just below** the child’s shoulders and top of head **must be at least 1” (2.5 cm) below** the headrest/harness adjustment handle.

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

Remove the headrest and body support.

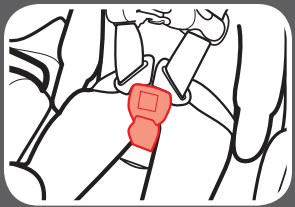
5. *To Raise or Lower Headrest/Harness Adjustment Lever*

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



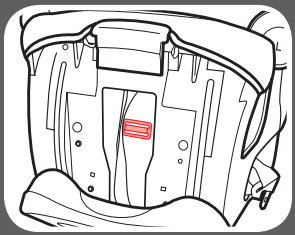
6. Check the Buckle Position

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



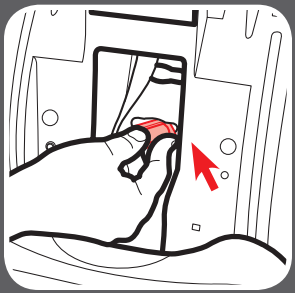
7. To Adjust Buckle Strap

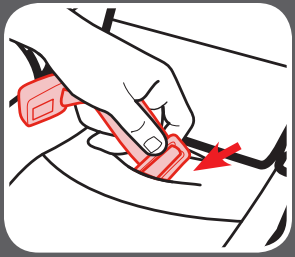
Recline the car seat and locate the metal retainer under the car seat shell.

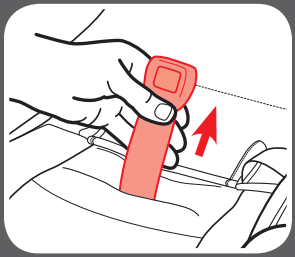


8. Rotate Metal Retainer and Insert It Up Through the Shell and Pad

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





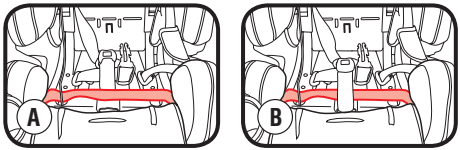


9. *Insert Metal Retainer in the New Buckle Strap Slot*

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

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

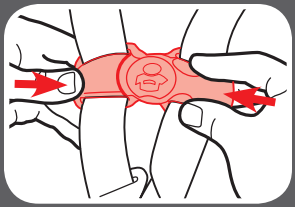
Rear-Facing: Make sure the LATCH strap is in front of the buckle strap when the buckle is in the inner-most position **(A)**, and in behind when in the outter-most position **(B)** and that it is flat and is not twisted.



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

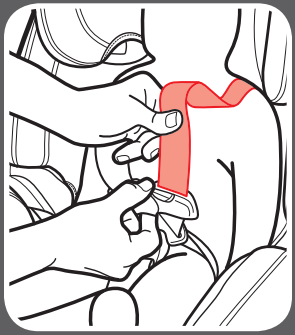
11. *Buckle the Chest Clip*

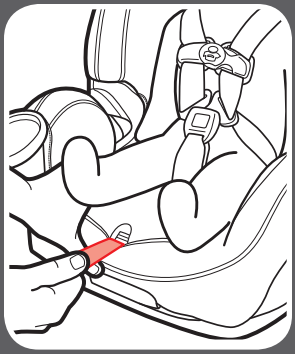
You will hear a “click” when the chest clip is securely buckled.

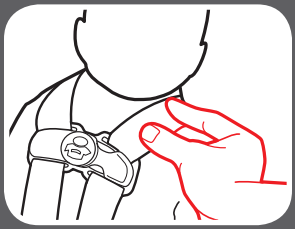


12. *Pull All the Slack Out From Around the Waist*

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





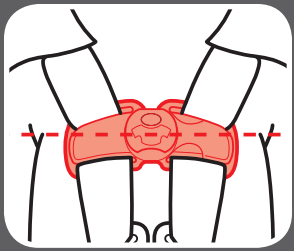


13. Tighten the Harness by Pulling the Harness Adjustment Strap

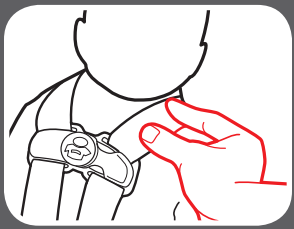
When you are not able to pinch any of the harness webbing at your child's shoulder, the harness is tight enough.

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.

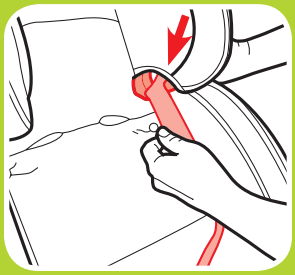
14. Raise the Chest Clip to Child's Armpit Level



15. Check Tightness Again, Tighten More if Needed



6-B Securing Child Highback Booster



⚠WARNING!

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

1. Place Child In Seat

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

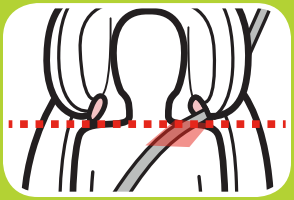
2. Thread Vehicle's Shoulder Belt Into Seat Belt Guide in the Headrest

3. Buckle the Vehicle Lap/Shoulder Seat Belt

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

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

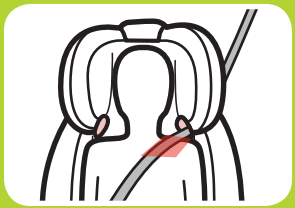
Be sure the shoulder belt lies across your child's shoulders, between the neck and edge of shoulder. The belt guides should be even with or just above the shoulders.



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 Shoulders

6-C Securing Child Backless Booster

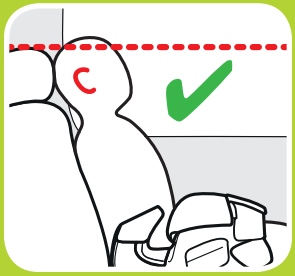
⚠WARNING!

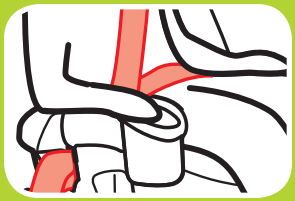
Use only the vehicle lap and shoulder belt system when restraining the child in the booster seat.

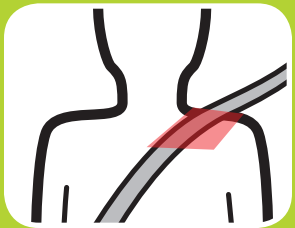
1. Place Child In Seat

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

2. Ears Must Be Below the Top of the Vehicle Seat Back or Headrest







3. Buckle the Vehicle Lap/Shoulder Seat Belt

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

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

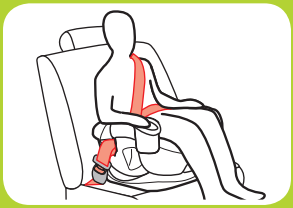
Be sure the shoulder belt lies across your child's shoulders, between the neck and edge of shoulder.

You may need to use the belt positioning clip to help get a good fit.

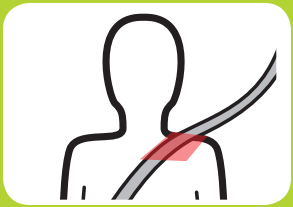
Is Everything Correct?

Never Use Lap Belt Only

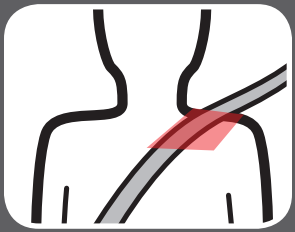
Lap Belt Behind Armrest and Lies Low Across Hips and Thighs



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

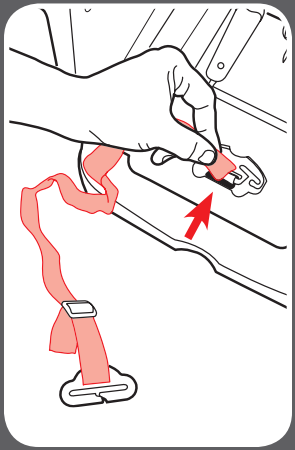


Using Belt Positioning Clip



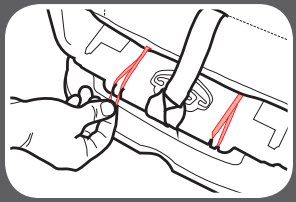
1. Make Sure Vehicle's Seat Shoulder Belt Lays in the Red Zone As Shown

If the vehicle's seat shoulder belt lays outside this zone, you **MUST** use the belt positioning clip.

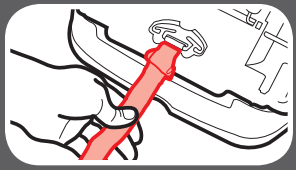


2. Attach Belt Positioning Clip

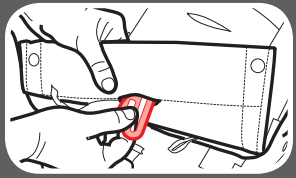
Insert the loop end of the strap through the same slot as the harness adjustment strap as shown.



3. Push Clip and Strap Through Loop

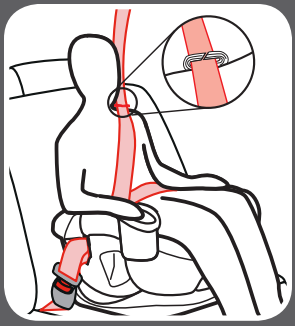


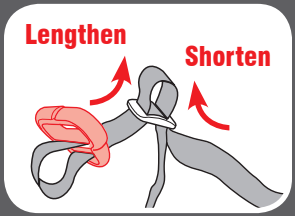
4. Pull to Tighten Strap

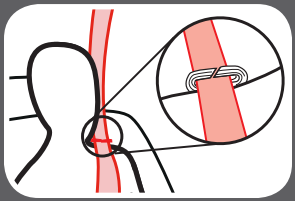


5. Push Clip Through Slot In Pad

6. Attach Seat Pad to Base







7. *Place Child in Seat, Buckle Child In Seat and Attach Belt Positioning Clip*

With child's back flat against the back of the vehicle seat, buckle child in. Then slide the clip onto the vehicle's seat shoulder belt as shown.

8. *Adjust the Belt Positioning Clip to Fit Your Child*

Lengthen or shorten the belt length as shown.

Clip should fit right at the top of shoulder as shown.

7-A Moving the LATCH Strap

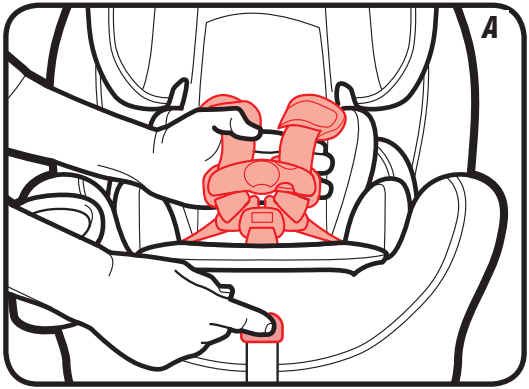
1. For Ease of Moving the LATCH Strap

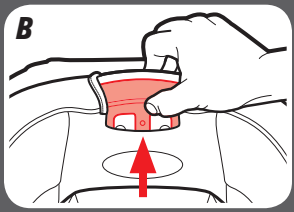
A. Loosen the harness straps.

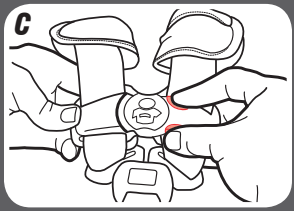
B. Raise the headrest to the highest position.

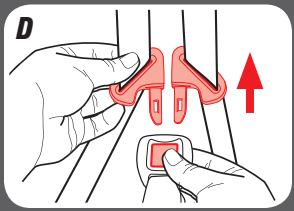
C. Unbuckle the chest clip.

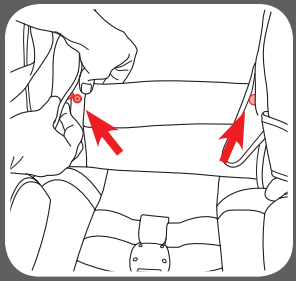
D. Unbuckle the buckle.

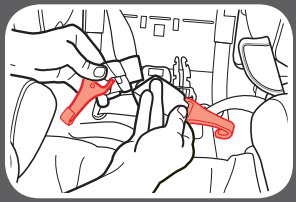


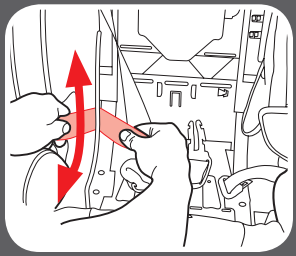




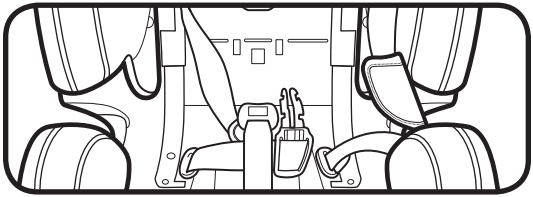








2. Unsnap Bottom Seat Pad to Expose the LATCH Strap



3. Pull LATCH Hooks Out of the Belt Path Openings into the Center of the Car Seat

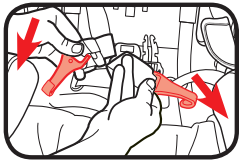
4. Slide Entire LATCH Strap Along Bar to the Desired Belt Path Openings

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

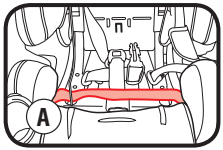
Forward-Facing: Slide the LATCH strap up along bar to the top.

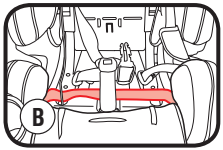
5. *Push the LATCH Hooks Out Through the Desired Belt Path Openings on Each Side of Car Seat*

Rear-Facing:

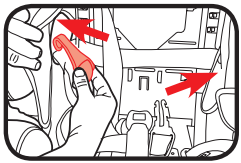


Make sure the LATCH strap is in front of the buckle strap when the buckle is in the inner-most position **(A)**, and in behind when in the outter-most position **(B)** and that it is flat and is not twisted.

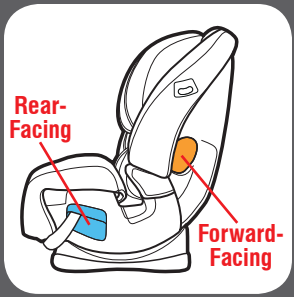


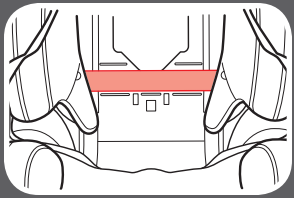


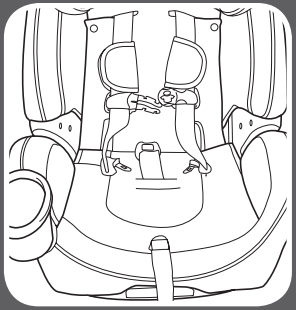
Forward-Facing:



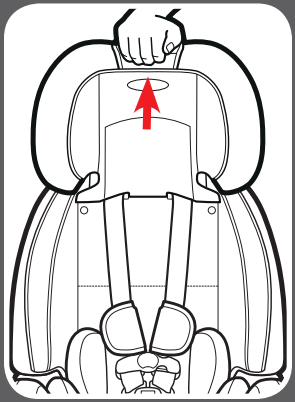
Make sure the LATCH strap is routed behind the harness strap, is flat, and is not twisted.







6. Replace Seat Pad



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

8-A Accessories *(on select models)*

Harness Covers

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

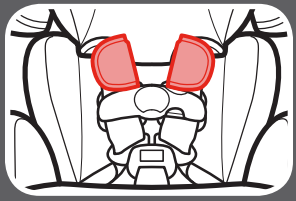
To remove, undo the fastening strips and remove.

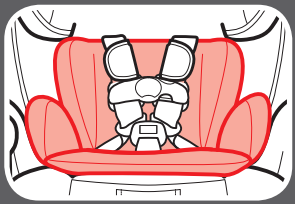
Body Support

Use only in the rear-facing mode.

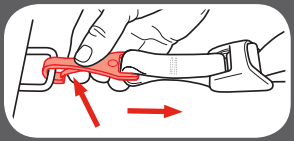
Body support must be used if shoulders are below the lowest harness setting.

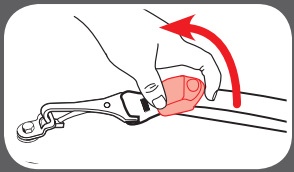
Never allow body support to bunch or fold behind child.

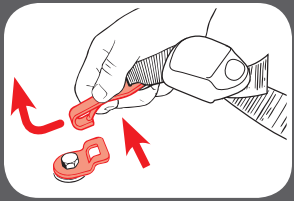




9-A How to Remove LATCH and Top Tether







LATCH

Press in on the hook's spring. Push hook in, lift hook up, twist and pull out away from anchor point.

Top Tether

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

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

9-B Choosing Vehicle Seat Location

Review your vehicle's owner manual for Seating Locations

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

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

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

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

9-C Unsafe Vehicle Seat Location

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

rear-facing or side-facing vehicle seats

rear-facing with an active front air bag

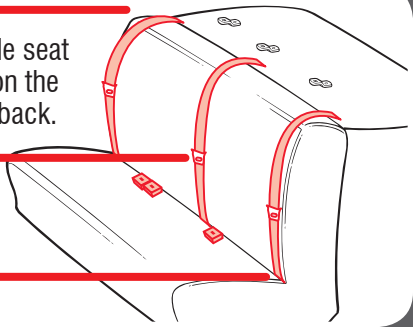
booster mode with vehicle lap belt only seat belt

9-D Vehicle Seat Belts

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

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

Vehicle Seat Belt Terms



Retractor

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

Latch Plate

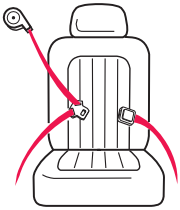
The male end of the seat belt with the silver tongue.

Seat Bight

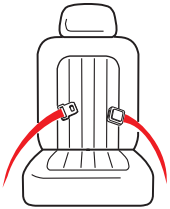
The crease where the vehicle seat back and seat bottom meet.

Identify Your Seat Belt Type

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



Lap/Shoulder Belt
3 connections points. Can be used in all car seats modes of use.



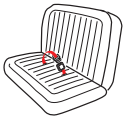
Lap Belt Only
2 connection points. **Can ONLY be used in harness mode.**

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

Lap Belt with Motorized Shoulder Belt

Lap Belt or Shoulder Belt Mounted on Door

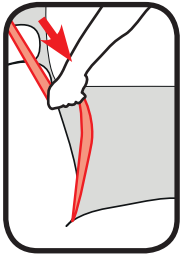
Belts Forward of the Seat Bight



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

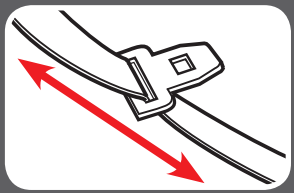
Always review your vehicle owner's manual for specific information about your vehicle seat belts.

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.



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).

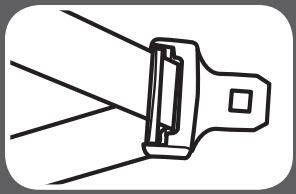
Note: With the vehicle seat belt in this locking mode, all the tension is upwards in the shoulder belt. This may start to tilt your car seat sideways. If this happens, use a locking clip instead of this switching the retractor. See Sliding Latch Plate and ELR Retractor.

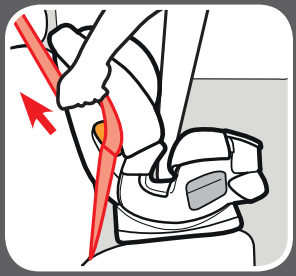
Locking Latchplate and ELR Retractor

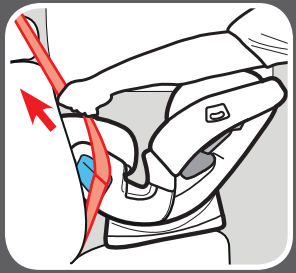
A latchplate that holds the lap belt snug after it has been adjusted; contains a metal bar on the underside of the hardware that “locks” the belt in position.

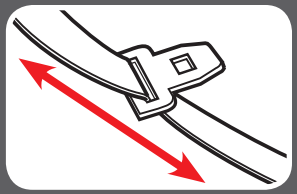
When installing the car seat, route the vehicle seat belt through the proper belt path and buckle it in. Then, pull upwards on the shoulder belt so that the lap belt gets tight around the car seat.

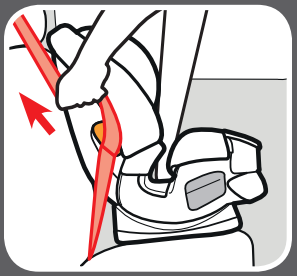
Grab the sides of the seat at the belt path and slide the seat side-to-side and front-to-back. The seat should not move more than 1” (2.5 cm).

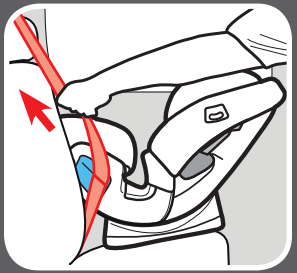












Sliding Latch Plate and ALR Retractor

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” (2.5 cm).

Sliding Latch Plate and ELR Retractor

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

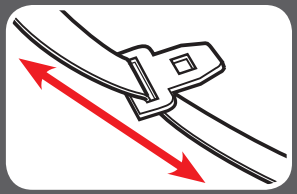
With this retractor, you will need to use the locking clip to lock the vehicle seat belt.

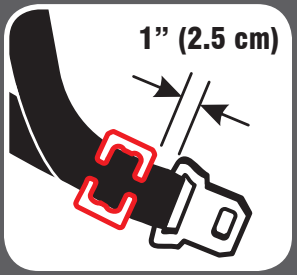
To get a locking clip, call 1-800-345-4109.

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.

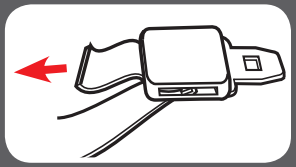
Attach locking clip to lap and shoulder belts as shown.

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

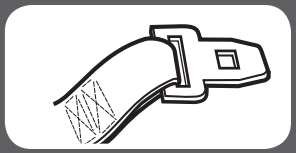




Always review your vehicle owner's manual for specific information about your vehicle seat belts.



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



Locking Latch Plate and No Retractor

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

Sewn On Latch Plate and ALR

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

10-A Cleaning Seat Pad

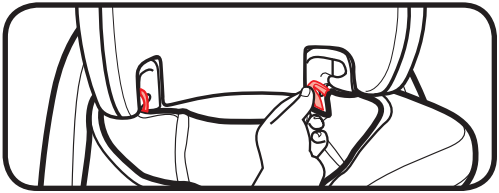
Refer to seat pad care tag for washing instructions.

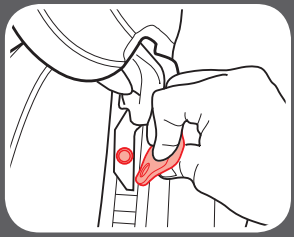
Headrest Pad

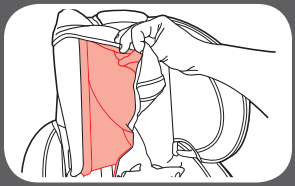
Clean with a damp sponge using mild soap and cool water. If needed, pad may be removed for cleaning.

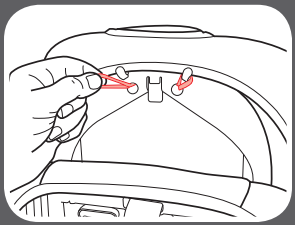
To remove, unsnap headrest pad from plastic shell.

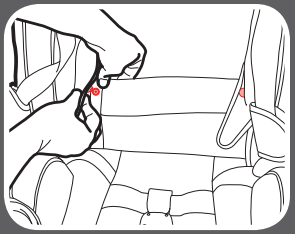
Undo the 2 elastic straps from the back of headrest and remove the pad. Slide the elastic retaining loops out of the belts guides.

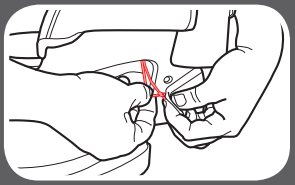


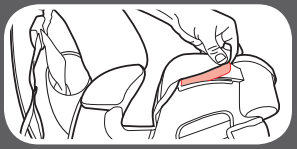


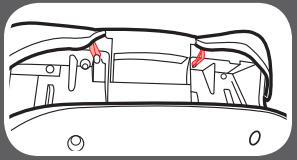












Machine wash pad in cold water on delicate cycle and drip-dry. DO NOT USE BLEACH.

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, cover may be removed for cleaning.

To remove, unsnap base pad from side pad. Undo the elastic straps in the rear-facing belt path.Pull plastic tab out of armrest. Undo the 2 elastic straps by the recline handle.

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.

10-B Cleaning Buckle

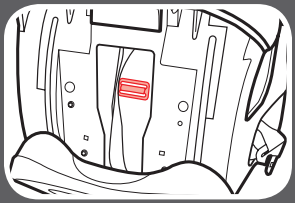
Recline the car seat and locate the metal retainer. Rotate the metal retainer up through the shell and pad. From the front, pull the buckle strap out.

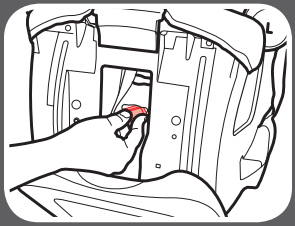
To clean buckle, place in a cup of warm water and gently agitate the buckle. Press the red button several times while in the water.

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.





10-C Cleaning Harness and LATCH

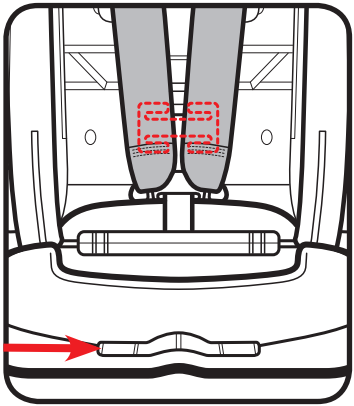
Surface wash only with mild soap and damp cloth. **DO NOT IMMERSE THE HARNESS STRAPS or LATCH STRAP IN WATER** Doing so may weaken the straps.

If harness straps or LATCH belt are frayed or heavily soiled, contact Customer Service at www.gracobaby.com or 1-800-345-4109.

Notes

Replacement Parts

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

www.gracobaby.com
or
1-800-345-4109

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