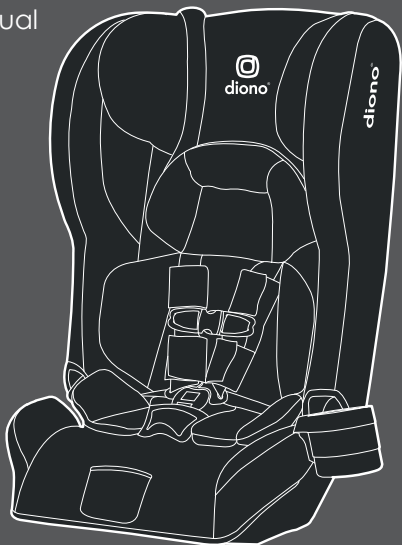


# rainier<sup>®</sup> 2 AXT

All-in-one convertible  
from birth up to 120 lbs

car seat  
Instruction Manual

diono



**READ INSTRUCTION MANUAL**  
before using this child restraint

## WELCOME TO THE DIONO FAMILY!

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## WE LOVE TO HELP

Hello there, Welcome to the Diono family!  
 We've created this lovingly engineered car seat to help keep your child comfortable and safe with all of the goods and none of the gimmicks. We look forward to lending a helping hand each and every day : )

**Any questions? 1-855-463-4666**

Please take a moment to fill out the prepaid registration card attached to the harness of the seat and mail it in today or register online at: [us.diono.com/register](https://us.diono.com/register)

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

**Diono**  
**PO Box 77129**  
**Seattle, WA 98177**

or call 1-855-463-4666 or register online at: [us.diono.com/register](https://us.diono.com/register)

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

For future reference, in the case of a change of address. Please take a moment to fill out the following information:

Model Number :	_____
Serial Number :	_____
Manufactured in (date) :	_____
Purchase date:	_____

This information can be found either on the registration card or on the manufacturing label located on the seat.

## Our Story

Time. It goes so fast...

Who would have thought that nearly two decades have passed since we first stepped out into the world and started a business dedicated to family travel.

Well the world has changed a lot, but we're proud to say that we haven't, (sure we've grown up), but we're still as passionate about what we do today as we were back then.

Our story is 'Made of Seattle', a city like no other. This is a place where creative minds and innovators rub shoulders within a landscape of adventure; a place, where being 'a little different', is the everyday norm.

With a love for design and an understanding of modern parenting, we strive to create amazing products, so that you and your little ones can celebrate the joy in every journey.

People who own Diono products can be found in all four corners of the big blue green ball, we all call home. Some are fans and followers, some are supporters, tweeters, social media magicians, miracle moms and devoted dads. "lot", we love you all.

Without your passion, pictures, words and stories, we would never hear your voice. So tell us about your patch of grass, and join in the hustle and bustle at [www.diono.com](http://www.diono.com).

share your journey @diono  
 social or find the latest news.





This child restraint system conforms to all applicable Federal Motor Vehicle Safety Standards (FMVSS 213).



This child restraint is certified for use in aircraft only when in harness mode.



This child restraint is not certified for use in aircraft when used in booster mode. Aircraft seats do not have shoulder belts which are required for use with this booster.

Diono and the Federal Aviation Administration (FAA) strongly urge you to secure your child in a child restraint system (CRS) or device for the duration of your flight. Please contact the airline for their specific policies.



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

**YOUR CHILD'S SAFETY DEPENDS ON YOU. DEATH OR SERIOUS INJURY CAN OCCUR.**

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

Carefully read and understand all instructions and warnings in this manual. Your child's safety depends on you knowing how to setup, install and use this Child Restraint properly. Choose the correct mode of use for your child, depending on their weight.

This Child Restraint is designed for use only with children who weigh between 5 and 120 lbs (2.3 and 54 kg) and whose height is 57 inches (144 cm) or less in the following modes.

- **Rear-Facing:** 5-50 lbs (2.3-22.7 kg) and whose height is 44 inches (112 cm) or less.

- **Forward-Facing:** 20-65 lbs (9.1-29.5 kg) and whose height is 57 inches (144 cm) or less.

- **Booster Use:** 50-120 lbs. (22.7-54 kg) and whose height is 57 inches (144 cm) or less.

- Infants who weigh less than 20 lbs (9 kg) and are under 1 year old, **MUST use this car seat Rear-Facing.**

For newborn infants, you must consult the infant's doctor before using this Child Restraint. A newborn infant may have difficulty breathing or have other medical problems when placed in a seated position.

Before installing this Child Restraint in a vehicle, be sure to also check the vehicle owner's manual for information on proper installation.

Check all installation configurations before discarding the box. Diono cannot guarantee proper fit in all vehicles.

✓ **DO NOT** place this child restraint rear-facing in a vehicle seating location with an active frontal air bag, unless the air bag is turned off.

✓ Choose the proper Child Restraint Belt Path

1. REAR-FACING SECTION
2. FORWARD-FACING SECTION
3. BOOSTER MODE SECTION



#### Rear-Facing with 5-Point Harness




5-20 lbs (2.3-9.1kg) **MUST** be rear-facing.  
20-50 lbs (9.1-22.7kg) **CAN** be rear-facing.

#### Forward-Facing with 5-Point Harness

20-40 lbs (9.1-18kg) **with** SafeStop Only  
40-65 lbs (18.1-29.5kg) **without** SafeStop.

**Booster Mode with  
Lap/Shoulder ONLY**  
50-120 lbs (22.7-54kg)

## SAFE USE CHECKLIST

-  Choose a suitable location for this car seat in your vehicle. **REVIEW VEHICLE SEATING LOCATIONS.**
-  Install this car seat tightly in your vehicle. **Grab the sides of the seat where the vehicle seat belt or LATCH strap is** and slide the car seat side-to-side and front-to-back. If the seat moves less than 1 inch (2.5 cm), it is tight enough.
-  Secure harness snug and flat on your child.

**Rear-Facing:** Harness straps **MUST** be at or just below the child's shoulders. Top of head must be 1.5 inches below the top of the car seat shell.

**Forward-Facing:** Harness straps **MUST** be just above the child's shoulders. Top of child's ears **MUST** be below top of car seat shell.

**Booster Mode:** Child **MUST** be secured using **ONLY** the vehicle Lap and Shoulder Belt. Child **MUST** weigh at least 50 lbs, with shoulders positioned at the 4th slot and remain properly seated for the entire ride. (If needed, adjust the headrest by positioning it accordingly by sliding it up or down.)

## **WARNING!**



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

**If an air bag inflates, it can hit the child or child restraint with enough force to cause serious injury or death to your child.**

**For vehicles with front passenger air bags, refer to your vehicle owner's manual for information on your child restraint installation.**

**ALWAYS** install this Child Restraint in the back seat.

**The back seat is the safest place for children 12 and under. See your vehicle owner's manual for Child Restraint installations and instructions.**

**According to accident statistics, children are safer when properly restrained in the rear seating positions than in the front seating positions.**

**Child restraint systems should be securely belted to the vehicle, even when they are not occupied. In a crash an unsecured child restraint system may injure other occupants.**



- **NEVER** install in rear facing, side facing or on the back of a folded down vehicle seat.
- **ALWAYS** secure this Child Restraint with the vehicle's child restraint anchorage system (LATCH) if available OR the vehicle seat belt.
- **DO NOT** use the lower anchors of the child restraint anchorage system (LATCH system) to attach this child restraint Rear-Facing when restraining a child weighing more than 35lbs (15.8 kg) or Forward-Facing when restraining a child weighing more than 40lbs (18 kg) with the internal harnesses of the child restraint. The top of child's head should not be less than 1.5 inches from the top of the car seats shell.
- **ALWAYS** use the top tether strap on this child restraint when installed Forward-Facing, if a tether anchor is available.
- **NEVER** use Child Restraint in a vehicle seating position where it cannot be secured tightly.



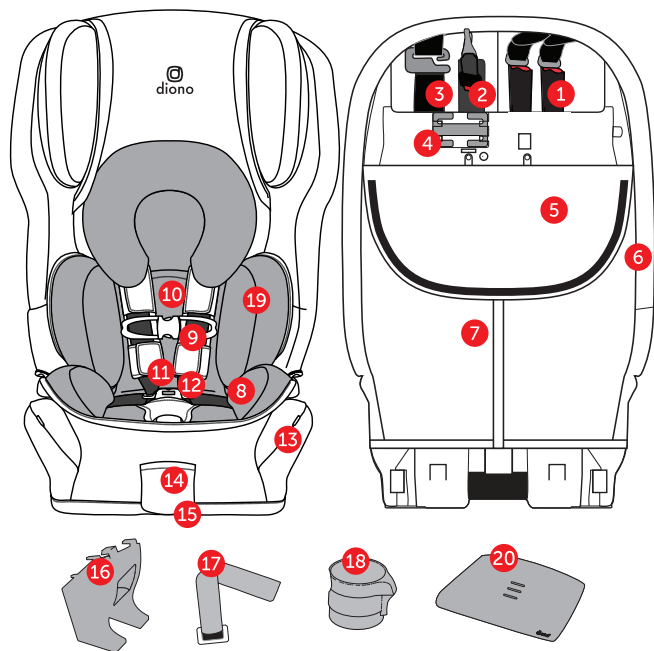
- **NEVER** leave Child Restraint unsecured in your vehicle even when it is unoccupied. It could injure other occupants in a sudden stop or crash.
- **DO NOT** use any accessories, inserts or products not included with this Child Restraint, unless approved by Diono. Items not tested with this child restraint could injure your child.
- **DO NOT** use this child restraint system if it has been in a vehicle accident. You **MUST** replace this Child Restraint if it has been involved in a crash, even if you cannot see visible damage. A damaged Child Restraint may not protect your child in a future crash.
- **DO NOT** modify your Child Restraint.
- **NEVER** remove harness from Child Restraint without following the proper removal and installation instructions available from Diono.
- **DO NOT** use Child Restraint without seat cover installed.

Contact us by visiting the Diono website at [us.diono.com](http://us.diono.com) or call 1-855-463-4666.





## rainier 2 AXT



## rainier 2 AXT

## PARTS AND FEATURES

1. LATCH Storage
2. Top Tether
3. Safe Stop
4. Belt Locking Clip
5. Belt Storage Pocket
6. LATCH Routing Pocket
7. Instruction Manual Storage
8. Harness Straps
9. Harness Pads
10. Chest Clip
11. Buckle
12. Buckle Pad
13. Expandable Sides
14. Harness Release
15. Harness Adjuster Strap
16. Detachable Rear-facing Base
17. Rear-facing Top Tether Connecting Strap
18. Cup Holder
19. Infant Support
20. Lap Belt Cushion

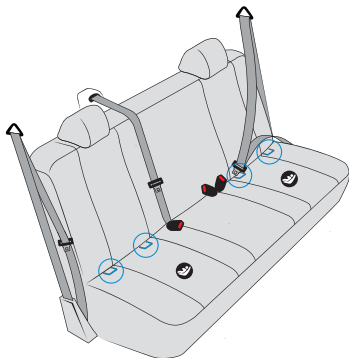
# VEHICLE SEATING LOCATIONS

The safest seating position is one that works best for your specific car seat, family and vehicle model.

Before installing this child restraint you must determine the method of installation and the best vehicle seating position for that method. This child restraint can be installed either using LATCH or the Vehicle Seat Belt.

**DO NOT** install using both methods at the same time.

When determining whether the Diono AXT Car Seat can be used with lower anchors in the rear center seating position, it is critical that you refer to your vehicle owner's instruction book. If the AXT does not install best in the rear center seating location, it is recommended to move to one of the outboard seating positions.



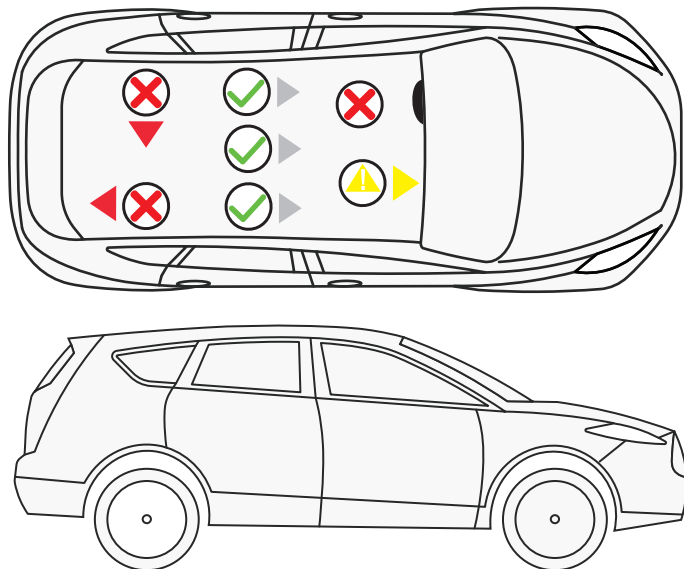
## WHAT IS LATCH?

Most vehicles manufactured after September 1, 2002 are equipped with LATCH (Lower Anchors and Tethers for Children). Check your vehicle owner's instruction manual to determine LATCH lower anchor compatible seating positions. Some vehicles owner's manuals use the term "ISOFIX" instead; LATCH can also be used in vehicle seating positions that are equipped with ISOFIX. Look for the LATCH symbol that may be visible by the crease of the rear seat.

**WARNING: DO NOT USE** the lower anchor belts to attach this Child Restraint rear-facing when restraining a child weighing over 35 lbs (15.8 kg) or forward-facing when restraining a child weighing over 40 lbs (18 kg).

**DO NOT** install using both the lower anchorage connectors and the vehicle seat belt at the same time.

# VEHICLE SEATING LOCATIONS



## Install Child Restraint Correctly

**NEVER PLACE THIS CHILD RESTRAINT REAR-FACING IN A VEHICLE SEATING LOCATION WITH AN ACTIVE FRONTAL AIR BAG, UNLESS THE AIR BAG IS TURNED OFF.** If the airbag inflates, it can cause serious injury or death to your child. For vehicles with side air bags, refer to your vehicle owner's manual for information on your child restraint installation.

Take care to secure the child properly. Snugly adjust the harness straps provided with this child restraint around your child. A snug strap should not allow any slack. It lies in a relatively straight line without sagging. It does not press on the child's skin or push the child's body into an unnatural position.

- **ALWAYS** check to ensure buckle is securely latched.
- **NEVER** leave child unattended. Do not allow children to play in or around the Child Restraint. Child may become tangled in harness straps and suffocate or strangle.
- **ALWAYS** keep child properly secured in harness whenever child is in Child Restraint.

# VEHICLE SEATING LOCATIONS

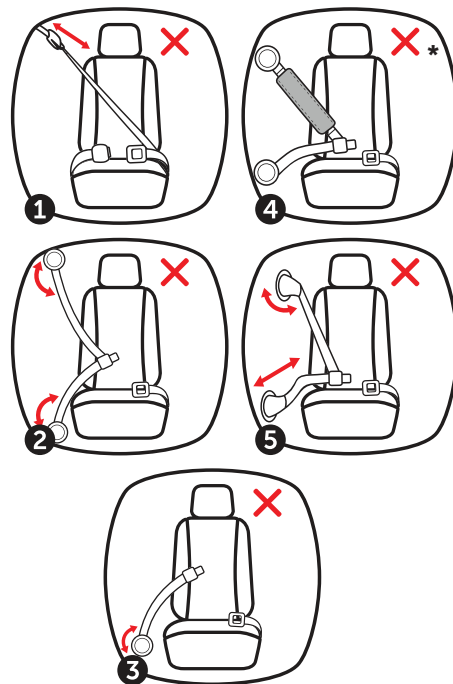
The following types of Vehicle Belts **CANNOT BE USED** with your child restraint.

If any of the belt types listed below are in the chosen seating position, you **MUST** choose another seating position or use LATCH if available.

Please refer to your Vehicle Owners Manual for specific information about seat belts and their use with Child Restraints.

1. Motorized (Automatic) Vehicle Belts.
2. Dual Retractor Lap/Shoulder Belts
3. Non-Locking (ELR) Lap Belts
4. Inflatable Seat Belts \*
5. Door Mounted Vehicle Belts

\* ONLY Ford Inflatable seat belts are allowed to be used with this Child Restraint. No other inflatable seat belts have been tested with this Child Restraint.



# TOP TETHER

## WHAT IS TOP TETHER?

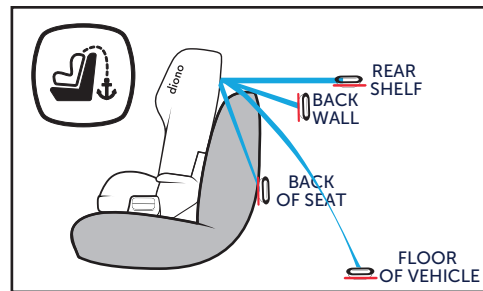
A tether is designed to reduce movement of a rear-facing and forward-facing child restraint in a crash and aids in the achievement of a tight installation.

Vehicle tether locations can be found in many locations within the vehicle. Some of the typical locations are shown here. Please refer to your vehicle owner's manual for exact locations, requirements, and anchor identification points.

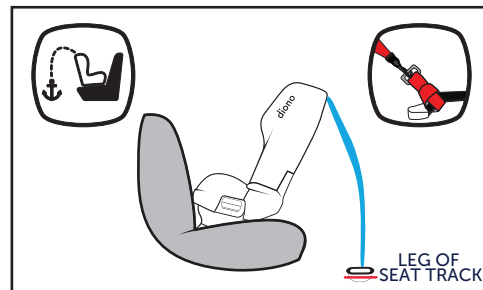
**WARNING:** Rear-facing Top Tether connector strap is **ONLY** to be used in rear-facing installations.

1. Locate the track of vehicle seat that is bolted directly to vehicle frame.
2. Wrap tether connecting strap around the track, and thread metal "D" ring through the loop at the end of the tether connecting strap. Pull strap to form a knot.
3. Now, use metal "D" ring as an anchorage point for top tether metal hook.

## Forward-Facing Top Tether Installation



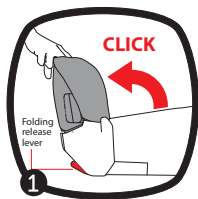
## Rear-Facing Top Tether Installation



## UNFOLDING AND FOLDING:

**1. Place car seat on its back on a flat surface and unfasten red carry strap from the bottom.** Be sure the harness adjuster moves freely and is not locked within the bottom of the seat.

**2. Rotate bottom until you hear it “click”,** this confirms the car seat is locked for use.



**3. Check proper operation —** Pull harness adjusting strap until harness begins to tighten. If it does not tighten freely, check the belt path on the back of the seat bottom is clear from obstruction. If necessary, unfold seat by releasing the levers as shown and repeat the above steps.

**4. Tuck the red strap through the harness slot and store behind the cover.**

**5. To fold, push lever shown and secure with red strap.**

## HARNESS SETUP

**1. Place Your Child in the Seat.**

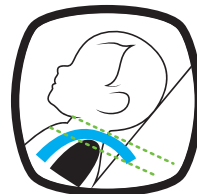
Make sure their back is flat against the car seat back. (This can be done in or out of the car). Avoid bulky or heavy clothing because they will prevent the harness straps from being tightened properly at first fitment.

**2. Place Harness Straps over Child’s Shoulders and Legs 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.

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

**Rear-Facing:** Harness straps **MUST** be at or just below the child’s shoulders. Top of head must be 1.5 inches below the top of the car seat shell.



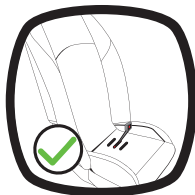
**Rear-Facing**  
**(Harness AT or just below shoulders)**

# INITIAL SETUP

**Forward-Facing:** Harness straps **MUST** be just above the child's shoulders. Top of child's ears **MUST** be below top of car seat shell.



**Forward-Facing**  
(Harness just above shoulders)



**Children 20-30 lbs  
must use the Middle  
Buckle Slot ONLY!**



**Children above 30 lbs  
must use the Forward  
Most Buckle Slot ONLY!**

Check all installation configurations before discarding the box. Diono cannot guarantee proper fit in all vehicles.

# 1

**REAR FACING**  
installation instructions

## REAR-FACING INSTALLATIONS: 5-50 lbs (2.3-22.7 kg)

Infants who weigh less than 20 lbs (9 kg) and are under 1 year old, **MUST use this car seat 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 the blue label and rear-facing illustrations.

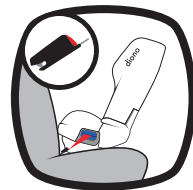
### REAR-FACING BELT PATH

Install this car seat tightly in your vehicle. The car seat should not move at the rear-facing belt path location by more than 1 inch (2.5 cm) from side-to-side, front-to-back. If using a lap belt only, refer to your vehicles owners manual for installation advice.

Harness straps **MUST** be at or just below the top of your child's shoulders. Place the chest clip at armpit level.

**The American Academy of Pediatrics (AAP) and NHTSA recommend that children be rear-facing until they reach the maximum rear-facing height and weight. This car seat can remain rear-facing up to 50 lbs.**

Rear-facing top tether is available.



LATCH Strap



Vehicle Seat  
Lap/Shoulder Belt



Vehicle Seat  
Lap Belt

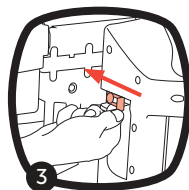
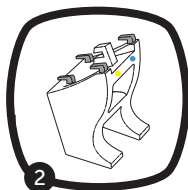
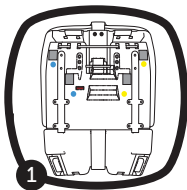


**INSTALL USING LATCH: 5-35 lbs (2.3-15.8 kg)**

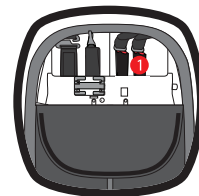
**Do Not Install by this method for a child weighing more than 35 lbs (15.8 kg).** Reinstall with vehicle belt for weights between 35-50 lbs (15.8-20 kg).

**1. Install Detachable Rear-Facing Base.**

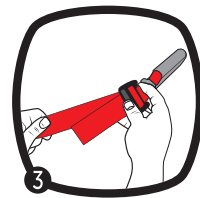
Align posts as shown in grey by aligning the color coded dots. Slide the base into place to align the dots Blue to Blue, Yellow to Yellow. Once aligned, press the lever shown into the seat base to engage. Confirm base is locked and does not move.

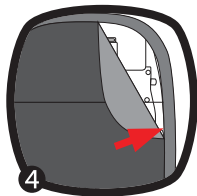
**2. Remove LATCH Strap from Storage Location on Back of Seat.**

Fold down cover on back of car seat. Locate the LATCH Strap in the belt storage location shown. Push in on the red buttons on the LATCH connectors and remove from storage position **1**.

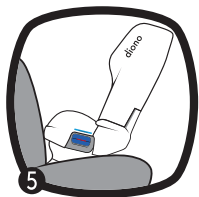
**3. Extend the LATCH Strap.**

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





**4. Place LATCH for Access to Rear-Facing Belt Path.** Unzip the pocket to the right side of the latch storage area, this will allow you to move the latch connectors down to the rear-facing belt path. Feed LATCH connectors down, keeping under the cover and out the bottom. Once completed, close the zip pocket.



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

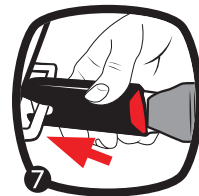
Place rear-facing in vehicle seat and center the car seat between the lower LATCH anchors. The entire seat bottom should sit flat on the vehicle seat.



**6. Locate the LATCH Strap in the Rear-Facing Belt Path.**

Thread the LATCH strap through the rear-facing belt path (marked with the blue label) and out the other side. The LATCH belt should lie flat and not be twisted.

**7. Attach LATCH Connectors to Vehicle's Lower LATCH Anchors and listen for audible click to confirm engagement.**



**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 further by pulling upwards in-line with the belt path as shown.

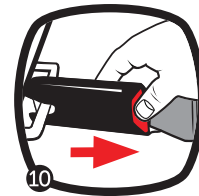


**9. Test for Tightness.**

Grab the side of the seat with one hand where the LATCH strap is and slide the car seat side-to-side and front-to-back. If the seat moves less than 1 inch (2.5 cm), it is tight enough. Do not test by grasping the top or front of the seat.



**10. To Remove LATCH Strap From Vehicle** — Push in on the red buttons on the LATCH connectors and pull them off the anchor bars.



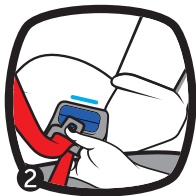
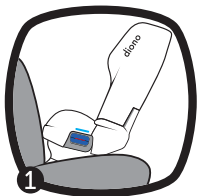
## INSTALL USING LAP/SHOULDER BELT WITH 5-POINT HARNESS : 5-50 lbs (2.3-20 kg)



**1. Place Car Seat Rear-Facing in Back Seat of the Vehicle with Detachable Rear-Facing Base Installed (Page 32).** The entire seat bottom should sit flat on the vehicle seat.

### 2. Route the Vehicle Seat Belt.

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



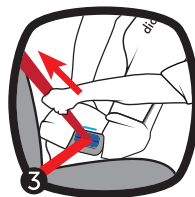
### 3. Tighten the Vehicle Seat Belt.

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 as the belt retracts. Slowly pull out on the belt and it should be locked. If not, please review your car's owner manual.

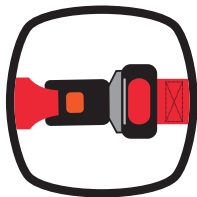
Press down firmly in the center of the car seat. To tighten, pull from the shoulder belt on the side **nearest to the buckle** while feeding the slack back into the retractor.

### 4. Test for Tightness.

Grab the side 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 inch (2.5 cm), it is tight enough. Do not test by grasping the top or front of the seat.



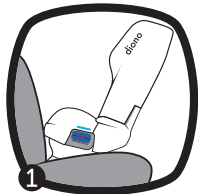
**INSTALL USING 5-POINT HARNESS WITH:  
LAP BELT: 5-50 lbs (2.3-20 kg)**



**1. Place Car Seat Rear-Facing in Back Seat of the Vehicle with Detachable Rear-Facing Base Installed (Page 32).** The entire seat bottom should sit flat on the vehicle seat.

**2. Route the Vehicle Seat Belt.**

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



**3. Tighten the Vehicle Seat Belt.**

Press down firmly in the center of the car seat. To tighten, pull on the loose end of the vehicle lap belt to tighten it.

**4. Test for Tightness.**

Grab the side 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 inch (2.5 cm), it is tight enough. Do not test by grasping the top or front of the seat.



FORWARD-FACING INSTALLATIONS:  
20-65 lbs (9.1-29.5 kg)

NOTE: **IF** the child is **UNDER 40 LBS** install the Diono Safe Stop by following the instructions on page 65 before proceeding.

**IMPORTANT:** The Safe Stop will need to be removed once the child reaches 40 lbs.

NOTE: **IF** the child is **OVER 40 LBS**, go to Step 1 of Installation using a Shoulder/Lap With 5-Point Harness

**IMPORTANT:** **IF** the child is **OVER 25 LBS**, lower the adjustable bottom by following the instructions on page 42.

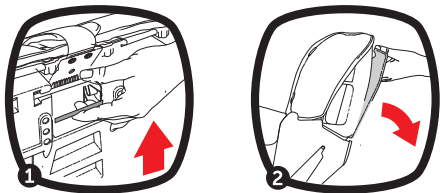
NOTE: For Forward-Facing installations using a **LAP BELT ONLY** with **NO** Top Tether anchor point available, you **MUST** install the Diono Lap Belt Cushion by following the instructions on page 66 before proceeding; otherwise proceed to the next page.

# 2

## FORWARD FACING

installation instructions

Lift the bottom bar up and over the inside channel toward the seat bottom to release. Confirm locked.



Make sure LATCH strap or vehicle seat belt is routed through the forward-facing belt path marked with the red label and forward-facing illustrations.

#### FORWARD-FACING BELT PATH

Install this car seat tightly in your vehicle. The car seat should not move at the forward-facing belt path location by more than 1 inch (2.5 cm) from side-to-side, front-to-back. If using a lap belt only, refer to your vehicles owners manual for installation advice.

Harness straps **MUST** be above the top of your child's shoulders. Place chest clip at armpit level.

**The American Academy of Pediatrics (AAP) and NHTSA recommend that children be rear-facing until they reach the maximum rear-facing height and weight. This car seat can remain rear-facing up to 50 lbs.**

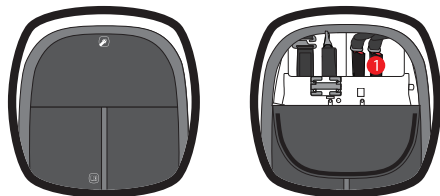
#### INSTALL USING LATCH: 20-40 lbs (2.3-18 kg)

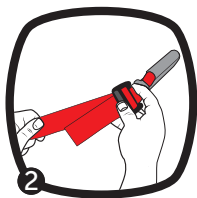


**Do Not Install by this method for a child weighing more than 40 lbs (18 kg).** Reinstall with vehicle belt for weights between 40-65 lbs (18-29.5 kg).

#### 1. Remove LATCH Strap from Storage Location on Back of Seat.

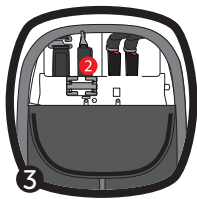
Fold down cover on back of car seat. Locate the Latch Strap in the belt storage location shown. Push in on the red buttons on the LATCH connectors and remove from storage position **1**.





## 2. 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.

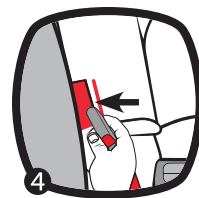


## 3. Unhook and Remove Top Tether Strap from Storage Location on Back of Seat.

Look for the Top Tether location **2**.

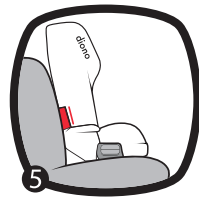
## 4. Place LATCH in Forward-Facing Belt Path.

Unzip the pocket to the right side of the latch storage area, this will allow you to move the latch connectors down to the forward-facing belt path. Feed LATCH connectors as shown into belt path; once completed – close the zip pocket.



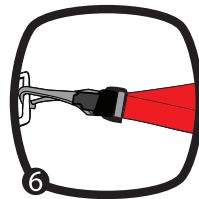
## 5. Place Car Seat Forward-Facing in Back Seat of the Vehicle.

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



## 6. Loosely Attach Tether Strap.

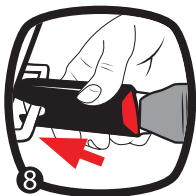
Do not tighten. Consult vehicle's owner manual for specific location.





### 7. Locate the LATCH Strap in the Forward-Facing Belt Path.

Thread LATCH strap through the forward-facing belt path (marked with the red label) and out the other side. The LATCH connectors are easier to feed through by pulling forward on the front cover as shown.



### 8. Attach LATCH Connectors to Vehicle's Lower LATCH Anchors and listen for audible click to confirm engagement.

LATCH strap should lie flat and not be twisted.

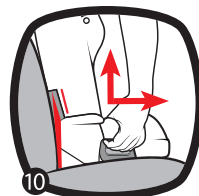


### 9. Tighten the LATCH Strap.

Press down firmly in the center of the car seat while tightening the LATCH strap. You may need to tighten through the opening in the cover by the belt path shown, by pulling it through and up.

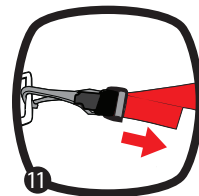
### 10. Test for Tightness.

Grab the side of the seat with one hand where the LATCH strap is and slide the car seat side-to-side and front-to-back. If the seat moves less than 1 inch (2.5 cm), it is tight enough. Do not test by grasping the top or front of the seat.



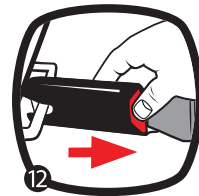
### 11. Tighten the Top Tether Strap.

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



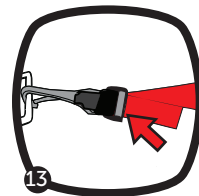
### 12. To Remove LATCH Strap From Vehicle.

Push in on the red buttons on the LATCH connectors and pull them off the anchor bars.



### 13. To Loosen or Remove the Top Tether.

Push in on the grey button to loosen, then unclip the top tether.



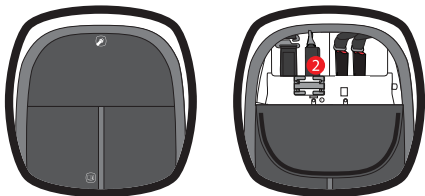


## INSTALL USING LAP/SHOULDER BELT WITH 5-POINT HARNESS : 20-65 lbs (9.1-29.5 kg)



### 1. Unhook and Remove Top Tether from Storage Location on Back of Seat.

Look for the Top Tether location **2**.



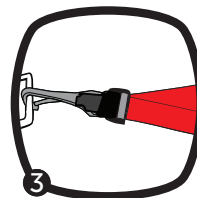
### 2. Place Car Seat Forward-Facing in Back Seat of the Vehicle.

The entire seat bottom should sit flat on the vehicle seat.



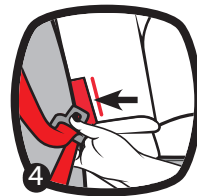
### 3. Loosely Attach Top Tether Strap.

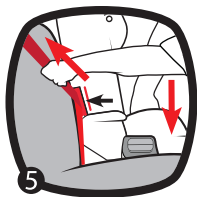
Do not tighten. Consult vehicle's owner manual for specific location.



### 4. Route the Vehicle Seat Belt.

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

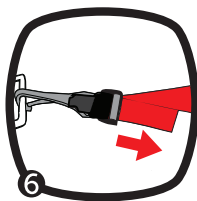




### 3. Tighten the Vehicle Seat Belt.

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 as the belt retracts. Slowly pull out on the belt and it should be locked. If not, please review your car's owner manual.

Press down firmly in the center of the car seat. To tighten, pull from the shoulder belt on the side **nearest to the buckle** while feeding the slack back into the retractor.

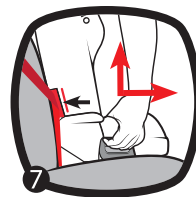


### 6. Tighten the Top Tether Strap.

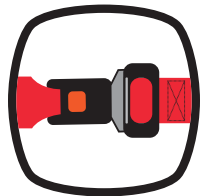
Push the car seat back while tightening the tether strap to remove all the slack.

### 7. Test for Tightness.

Grab the side of the seat with one hand where the seat belt strap is and slide the car seat side-to-side and front-to-back. If the seat moves less than 1 inch (2.5 cm), it is tight enough. Do not test by grasping the top or front of the seat.

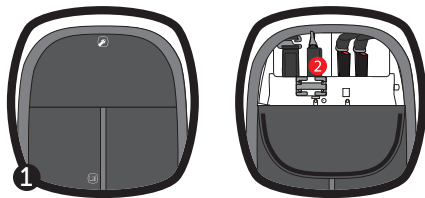


## INSTALL USING LAP BELT WITH 5-POINT HARNESS : 20-65 lbs (9.1-29.5 kg)



### 1. Unhook and Remove Top Tether from Storage Location on back of seat.

Look for the Top Tether location **2**.



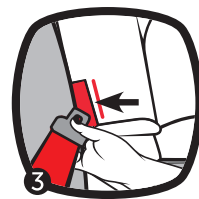
### 2. Place Car Seat Forward-Facing in Back Seat of the Vehicle.

The entire seat bottom should sit flat on the vehicle seat.



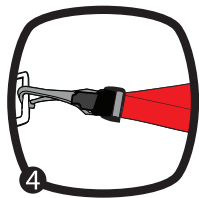
### 3. Route the Vehicle Seat Belt

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



#### 4. Loosely Attach Top Tether Strap.

Do not tighten. Consult vehicle's owner manual for specific location.



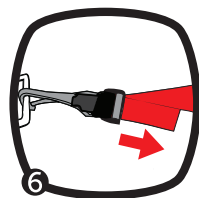
#### 5. Tighten the Vehicle Seat Belt.

Press down firmly in the center of the car seat. To tighten, pull on the loose end of the vehicle lap belt to tighten it.



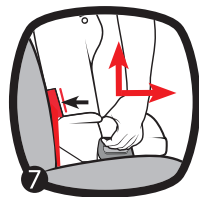
#### 6. Tighten the Top Tether Strap.

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



#### 7. Test for Tightness.

Grab the side of the seat on the buckle side with one hand where the vehicle seat belt strap is and slide the car seat side-to-side and front-to-back. If the seat moves less than 1 inch (2.5 cm), it is tight enough. Do not test by grasping top of the seat.



# 3

## BOOSTER MODE

installation instructions



**BOOSTER MODE INSTALLATIONS:**  
50-120 lbs (22.7-54 kg)

**WARNING!** Use **ONLY** the vehicle lap and shoulder belt system when restraining the child in this booster seat. **DO NOT** use a lap belt only!

**WARNING:** Make sure the vehicle seat belt can properly retract before each use.

**NOTE:** If 5-Point harness is installed, please review the harness removal section. The 5-point harness **MUST** be removed to use this seat in booster mode.

**1. Place Child in Seat.**

Have your child sit in the booster seat, with their back flat against the back of the booster seat.

**2. Thread Vehicle's Shoulder Belt over seat and between inside of car seat shell and the belt guide in the Head Support.**

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

Be sure the shoulder belt lies across your child's shoulders, between the neck and edge of the shoulder. Be sure the lap portion of the vehicle seat belt goes under the side nubs and the belt lies low across your child's hips.

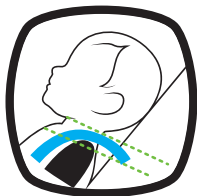
## INITIAL SETUP

**1. Place Your Child in the Seat.**

Make sure their back is flat against the car seat back. (This can be done in or out of the car). Avoid bulky or heavy clothing because they will prevent the harness straps from being tightened properly at first fitment.

**2. Place Harness Straps over Child's Shoulders and Legs 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.

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

Rear-Facing  
(Harness AT or just  
below shoulders)



Forward-Facing  
(Harness just  
above shoulders)

## HARNESS SETUP

**1. Loosen Harness Straps.**

Lift up on the harness adjuster while pulling out on the harness straps at the chest clip. Unbuckle the chest clip and the center buckle. Place harness straps off to the sides.

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

Make sure their back is flat against the car seat back. Avoid bulky or heavy clothing. Doing so will prevent the harness straps from being tightened properly.

**3. Place Harness Straps over Child's Shoulders and Legs and Buckle.**

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

**NOTE:** The addition or removal of clothing will change the fit of the harness, especially bulky winter jackets. Diono recommends harnessing your child first and placing a blanket over them or putting their jacket on backwards.

## 1. First Loosen 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. Detach the buckle tongues from the center buckle.

## 2. Remove Harness Straps from Metal Plate.

On back of seat, detach harness from metal plate. Once detached, pull each harness through to the front of the seat. Re-locate each harness to the correct slot determined, push through to the back of the seat taking care to keep each harness strap flat. Re-secure the Harness Straps to the Metal Plate. Check to ensure harness loops are properly secured to the metal plate.

## 3. Check the Center Buckle Position.

When rear-facing, the correct slot is the one that is closest to your child without being underneath your child. When forward-facing, children 20-30 lbs MUST use the middle buckle slot only. Children above 30 lbs MUST use the forward most buckle slot only.

**4. To Adjust Center Buckle Strap** — Remove all lower seat cover clips. Reach into the Rear-Facing Belt path slot marked in blue. You will feel the buckle strap metal retainer.

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

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

## 6. Insert Metal Retainer in the New Buckle Slot Position.

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

## SECURING YOUR CHILD

### 1. Pull up on Center Buckle Strap to Make Sure it is Secured.

### 2. 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.

### 3. 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.

### 4. Buckle the Chest Clip.

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

### 5. Place the Chest Clip at Armpit Level.

**CLEANING FABRICS:** Seat pad, Infant Support, Buckle pad and Shoulder pads.

Machine wash in cold water on gentle cycle with mild detergent. Dry flat and away from direct sunlight before re-use or storage. **REMOVE** blue memory foam insert from seat pad prior to washing. Do not wash.

**DO NOT bleach, iron or dry clean.**

**CLEANING HARNESS:** Buckles, Harness, and Buckle straps.

Spot clean using warm water with mild detergent. Air dry completely before re-use or storage. **DO NOT bleach or iron.**

**CLEANING PLASTIC:** Spot clean using warm water with mild detergent. Towel dry completely before re-use or storage. **DO NOT bleach.**

**CLEANING BUCKLE, SEAT FRAME AND LOWER ANCHOR CONNECTOR HARDWARE NOTE:** Buckle should fasten with a "click" if not, rinse under warm running water. **DO NOT use detergents or lubricants.**

**CLEANING FABRICS:** Seat Pad, Infant Support, Harness and Buckle Pad.



Machine wash in cold water on gentle cycle. Use mild detergent.



Dry flat and in the shade only.



**DO NOT** bleach, iron or dry clean.

**CLEANING HARNESS:** Buckles, Harness and Buckle Straps.



Spot clean only with warm water. Use mild detergent.



Dry flat and in the shade only, before re-use.



**DO NOT** bleach or iron.

**CLEANING PLASTICS:** Seat Shell and Components.



Spot clean only with warm water. Use mild detergent.



Towel dry completely before re-use.



**DO NOT** bleach.

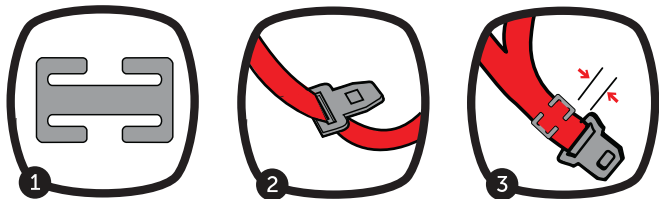


**WARNING:** If your vehicle's lap/shoulder seatbelt is equipped with ELR (Emergency Locking Retractor) that does not switch to function as an ALR (Automatic Locking Retractor), you **MUST** use a locking clip to secure lap portion of vehicle seat belt. If you have any questions; please consult your vehicle owner's manual or contact the vehicle manufacturer.

**1. Remove Lock Clip from Belt Storage Pocket.**

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

**3. 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.



**SAFE STOP:**

**ONLY for use in Forward-Facing Installations from 20-40 lbs (9.1 - 18kg). DO NOT use Rear-Facing.**

**1. Look for the Belt Storage Icon on the back of the seat** and fold down the rear Velcro flap. Detach the Safe Stop and remove it for use.

**2. Remove Harness Straps from Metal Plate.**

Unzip cover on back of seat, detach harness from metal plate. Once detached, thread both harness straps onto the metal hook of the Safe Stop. Connect Left side of harness first, then follow with the right.

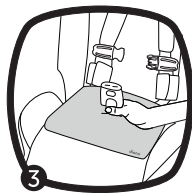
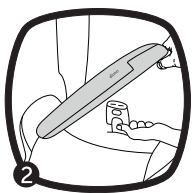
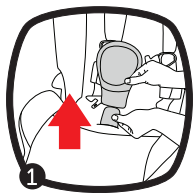
**3. Thread bottom of Safe Stop onto the metal hook of harness adjuster.** Check to ensure proper engagement to the metal plate. Close cover on back of seat, taking care to ensure the strap is clear from any obstruction.



## LAP BELT CUSHION:

For Forward-Facing installations using a **LAP BELT ONLY** with **NO** Top Tether available from 20-65 lbs (9.1 - 29.5kg). **DO NOT** use Rear-Facing.

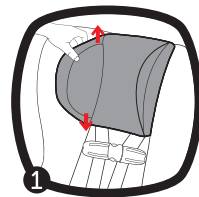
1. Remove the Center buckle pad by pulling it carefully up and over the buckle.
2. Slide the Center buckle through the slot in the cushion that matches the slot position being used on the seat.
3. Reinstall the Center buckle pad. Should you need a longer buckle, these are available by calling Customer Care.



## ADJUSTING HEAD SUPPORT:

**IMPORTANT:** When your child fits at the third harness slot, the head support may now be used at its lowest position.

1. Carefully unfasten the fabric panels by detaching the velcro located on the upper sides and beneath the headrest.
2. Position hand as shown, tilt the top of the headrest slightly towards you and slide upwards.  
Note: You might need two hands.



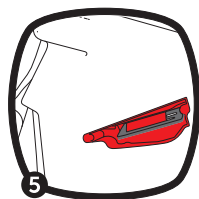
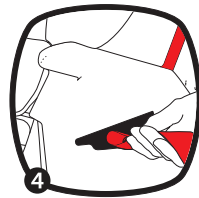
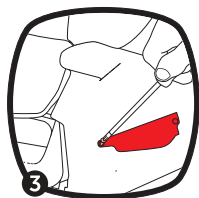
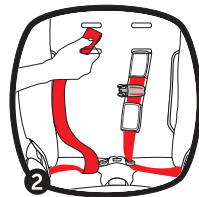
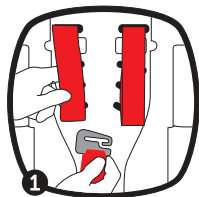
3. Carefully re-fasten the fabric panels.

4. To lower the headrest, follow the steps above; but slide the headrest downwards.

1. **Unzip Back Seat Cover to access harness.** Remove harness straps from the metal hook.
2. **Pull the harness straps out from the back of the seat.** Remove the Harness Pads and Chest Clip from each side. Slide the harness strap out of the buckle tongues.
3. **Using a Phillips head screwdriver, take out the screws and remove the access panel shown.** Remove old harness straps from each side of the seat.
4. **Insert new harness strap through the slot shown and pull the strap up.**
5. **Once the strap is pulled up until the metal "D" ring is located as shown, re-fasten and close the access panels in step 3.**

Slide the new harness straps through the buckle tongues, re-attach the chest clip and reinstall the harness pads.

Slide the harness straps through to the back of the seat and re-install them to the metal hook in Step 1.



## Rear-Facing Installation

1. Adjust the seat belt buckle to its shortest length to ensure the buckle is accessible for release.
2. Ask the flight attendant for a "seat belt extender" and then use this extender to adjust the seat belt length.
3. Following the instructions in Rear-Facing installation section for use with a Lap Belt to complete.



## Forward-Facing Installation

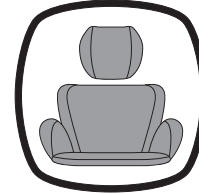
1. Follow the instructions in the Forward-Facing installation section for use with a Lap Belt.



## INFANT SUPPORT USE:

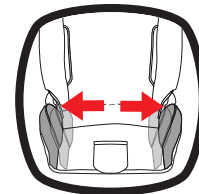
1. To ensure a better fit for smaller infants, we recommend using the infant head and body support cushions included with your car seat. Use of these cushions is optional and does not affect the safety of the seat.

Slide the buckle through the buckle slot on the infant body cushion that matches the slot chosen on the seat.

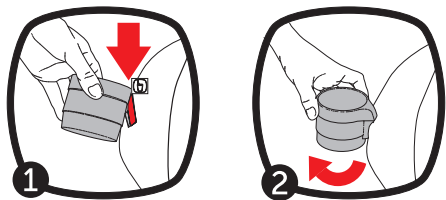


## ADJUSTING EXPANDABLE SIDE WINGS:

1. The side wings can be adjusted for comfort as shown. These will not impact the safety of the car seat in any manner. Simply push the side wings outward as shown to extend.



1. To attach your cup holder, locate the cup holder tab attached on the side of your preference.
2. Align the tab on the cup holder with the slot in the seat as shown. Push down to securely engage the cupholder into the slot and twist to firmly lock in place.



**LIMITED ONE-YEAR WARRANTY** This product is warranted against physical defects in materials or workmanship as a result of normal use for one year from the date of original retail purchase. Proof of purchase is required. The exclusive remedy for this warranty is that Diono will upon return of the product to Diono and determination of any such defect, at its sole option replace, repair or provide replacement components for this product. Diono reserves the right to discontinue or change fabrics, parts, models or products, or to make substitutions. To make a claim under this warranty, contact Diono Customer Care at 1-855-463-4666 (7:00 am to 5:00 pm PST.)

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