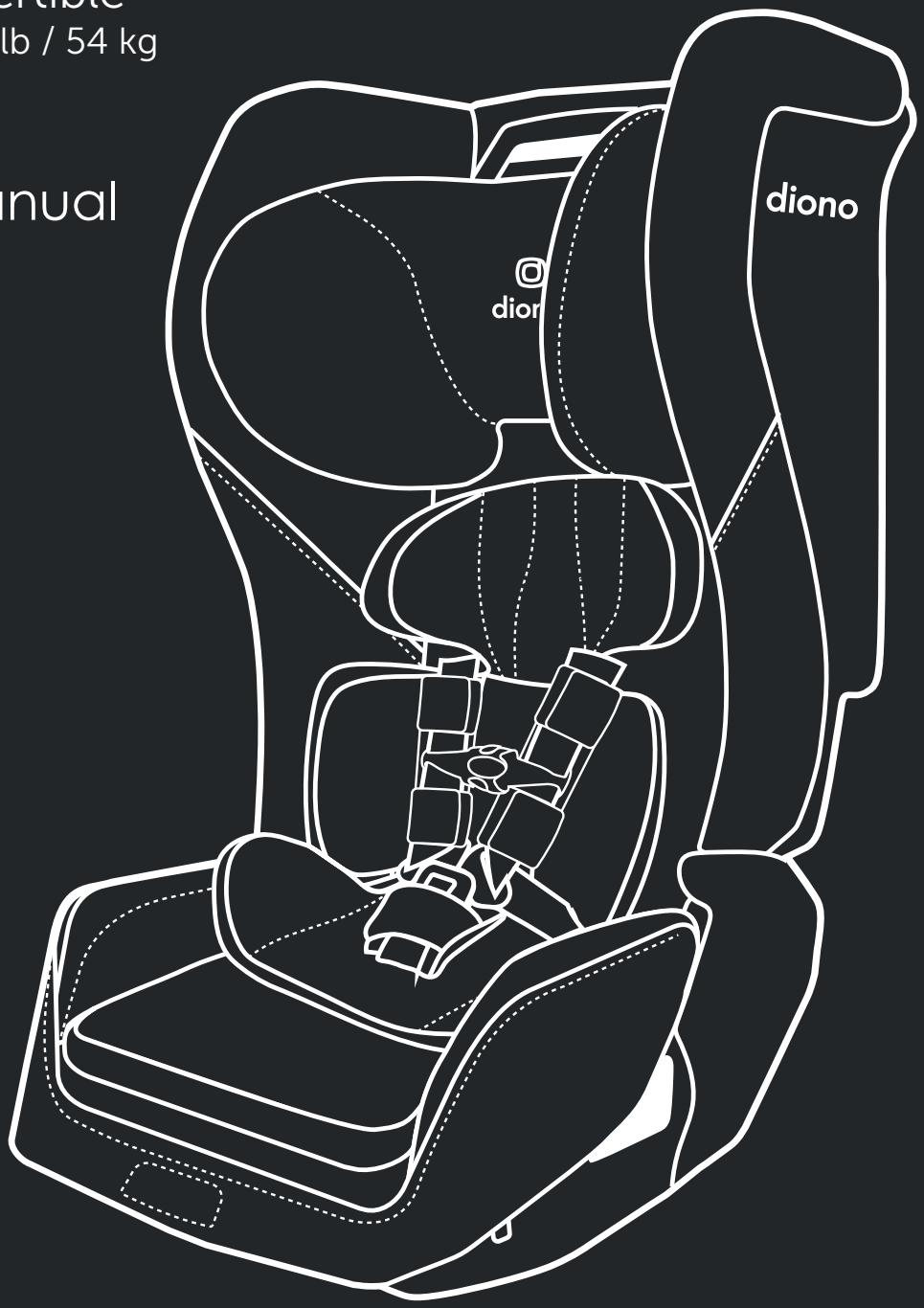
radian® 3QX

all-in-one convertible
from birth up to 120 lb / 54 kg

car seat
instruction manual

diono



READ INSTRUCTION MANUAL
before using this child restraint

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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?

Diono U.S.: 1-855-463-4666
Diono Canada: 1-866-954-9786

REGISTER THIS CAR SEAT

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:

Diono U.S.: diono.com/us/product-registration/
Diono Canada: diono.com/ca/product-registration/

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 U.S.	**Diono Canada ULC**
PO Box 77129	2160 S. Service Rd., W.
Seattle, WA 98177	Oakville, ON L6L 9Z9 Canada
or call 1-855-463-4666	**or call 1-866-954-9786**
or register online at:	**or register online at:**
diono.com/us/product-registration/	**diono.com/ca/product-registration/**

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

Model Name / Nom de modéle: / Nombre de modelo:	
Model Number / Numéro de modè / Número de Modelo:	
Serial Number / Numéro de serie / Número de Serie:	
Manufacture Date / Date de fabrication / Fecha de fabricacion:	year/année/año | month/mois/mes | day/jour/día

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

For U.S. 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.

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 & 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 & followers, some are supporters, tweeters, social media magicians, miracle moms and devoted dads.

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 diono.com.

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

This child restraint system conforms to all applicable requirements of U.S. Federal Motor Vehicle Safety Standards (FMVSS) 213 and Canadian Motor Vehicle Safety Standards (CMVSS) 213, 213.1 and 213.2 and is certified for use in passenger cars, multi-purpose passenger vehicles, and trucks only.

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.

Register this restraint with the manufacturer.

Diono and the US 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 child restraint 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 4–120 lb (1.8–54 kg) and whose height is 57 in. (145 cm) or less in the following modes.

- **Rear-Facing:** 4–50 lb (1.8–22.7 kg) and whose height is between 18–44 in. (46–112 cm)

- **Forward-Facing:** 22–65 lb (10–29.5 kg) and whose height is between 30–57 in. (76–145 cm)

- **Booster:** 40–120 lb (18–54 kg) and whose height is between 40–57 in. (101–145 cm).

- Infants who weigh less than 22 lb (10 kg) and are under 1 year old, **MUST use this child restraint rear-facing.**

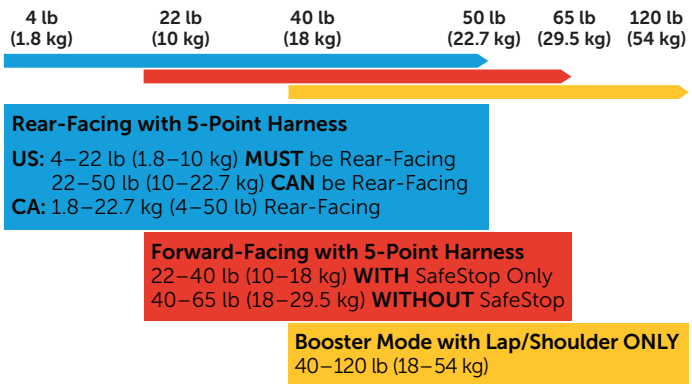
For newborn infants, you must consult the infant's doctor before using this child restraint. A newborn infant may have difficulty breathing or have other medical problems when placed in a seated position.

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 front air bag.

Choose the proper child restraint belt path
1. REAR-FACING SECTION
2. FORWARD-FACING SECTION
3. BOOSTER MODE SECTION



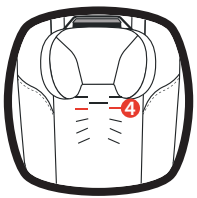
SAFE USE CHECKLIST

- Choose a suitable location for this child restraint in your vehicle. **REVIEW VEHICLE SEATING LOCATIONS.**
- Install this child restraint tightly in your vehicle. **Grab the sides of the seat where the vehicle seat belt or LATCH/UAS strap is** and slide the child restraint side-to-side and front-to-back. If the seat moves less than 1 in. (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 in. (3.8 cm) 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/shoulder belt. Child **MUST** weigh at least 40 lb (18 kg), 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. DEATH OR SERIOUS INJURY MAY OCCUR.

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 side passenger air bags, refer to your vehicle owner's manual for information on your child restraint installation.

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

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.

NEVER leave child restraint unsecured in your vehicle even when it is unoccupied. It could injure other occupants in a sudden stop or collision.

WARNING!
DEATH or SERIOUS INJURY can occur.

- **DO NOT** use child restraint in any configuration not shown in the instructions.
- **DO NOT** modify your child restraint.
- **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/UAS) if available OR the vehicle seat belt.
- **NEVER** use the restraint system in a vehicle seating position where it cannot be secured tightly. A loosely installed restraint system will not protect your child in a collision.
- **DO NOT** use the LATCH/UAS system to attach this child restraint rear-facing when restraining a child weighing more than 35 lb (15.8 kg) or forward-facing when restraining a child weighing more than 40 lb (18 kg).
- **ALWAYS** use the top tether strap on this child restraint when installed forward-facing.

WARNING!
DEATH or SERIOUS INJURY can occur.

- **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.
- **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.
- **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.

WARNING!
DEATH or SERIOUS INJURY can occur.

- 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.

- Contact us by visiting the Diono website at diono.com or call :

Diono U.S.: 1-855-463-4666
Diono Canada: 1-866-954-9786

WARNING!
DEATH or SERIOUS INJURY can occur.

EXPIRATION

- **DO NOT** use the child restraint if any part is damaged or broken, expired (over 10 years from date of purchase), missing instructions, missing parts, or if the straps are cut, frayed, or damaged in any way. Call to find out if the damaged part or parts can be replaced.

Diono U.S.: 1-855-463-4666
Diono Canada: 1-866-954-9786

SAFE PRACTICES

- **DO NOT** leave loose objects, such as books, bags, etc., in the back of the vehicle. In the event of a sharp turn, sudden stop, or collision, loose objects can be thrown around and possibly cause serious injury to vehicle occupants.

- **ALWAYS** check all surfaces of restraint before securing your child. In warm weather, child restraints can become very hot. Do not allow children to play with vehicle seat belts.

CANADA

- **DO NOT USE THIS CHILD RESTRAINT SYSTEM IF IT HAS BEEN IN A VEHICLE ACCIDENT.**

- Transport Canada designates that **you MUST replace this child restraint if it has been involved in a collision,** even if you cannot see visible damage. A damaged child restraint may not protect your child in a future collision.

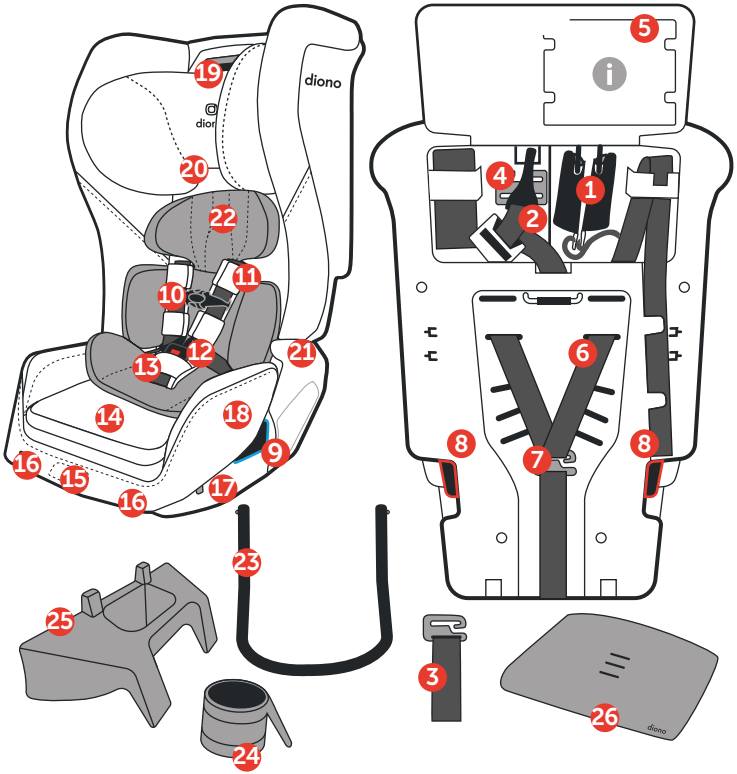
UNITED STATES

The U.S. National Highway Traffic Safety Administration (NHTSA) recommends that car seats be replaced following a **MODERATE or SEVERE** collision in order to ensure a continued high level of collision protection for child passengers.

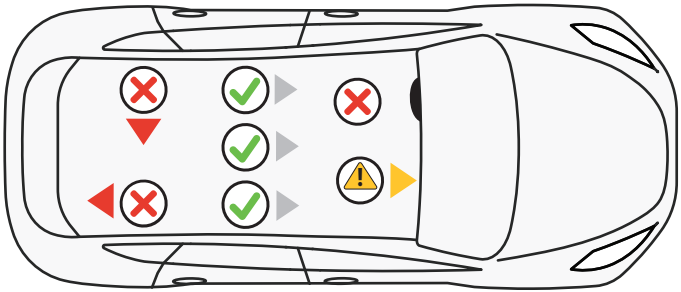
Car seats do not automatically need to be replaced following a **MINOR** collision. NHTSA defines a **MINOR** collision as **ALL of the following:**

- The vehicle was able to be driven away from the collision site; **AND**
- The vehicle door nearest the car seat was not damaged; **AND**
- No vehicle occupants were injured; **AND**
- There is no visible damage to the car seat; **AND**
- The airbags (if present) did not deploy.

NEVER use a car seat that has been involved in a **MODERATE or SEVERE** collision.



1. LATCH/UAS Storage
2. Top Tether
3. SafeStop
4. Belt Locking Clip
5. Instruction Manual Storage
6. Harness Straps
7. Harness Strap Hook
8. Forward-Facing Belt Path
9. Rear-Facing Belt Path
10. Chest Clip
11. Harness Pads
12. Buckle
13. Buckle Pad
14. Memory Foam Cushion
15. Harness Adjust & Release
16. Anti-Rebound Bar Slots
17. Anti-Rebound Bar Release
18. Expandable Side Wings
19. Adjustable Headrest
20. Upper Booster Belt Guides
21. Booster Belt Guide Side Nubs
22. Infant Support
23. Anti–Rebound Bar
24. Cup Holder
25. Rear-Facing Base
26. *Lap Belt Cushion**
    ***U.S. ONLY**



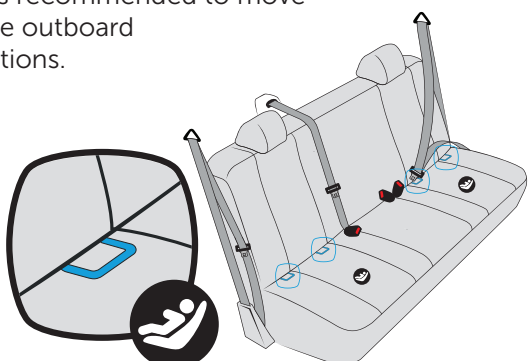
INSTALL CHILD RESTRAINT CORRECTLY

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

The safest seating position is one that works best for your specific child restraint, 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/UAS or the Vehicle Seat Belt. **DO NOT** install using both methods at the same time.

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



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/UAS 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

* Ford Inflatable seat belts are permitted to be used for installation of this child restraint in all configurations. No other inflatable seat belts have been tested with this child restraint.

WHAT IS LATCH/UAS?

Most vehicles manufactured after September 1, 2002 are equipped with:
U.S.: LATCH (Lower Anchors and Tethers for CHildren)
Canada: UAS (Universal Anchorage System)

Check your vehicle owner's instruction manual to determine LATCH/UAS lower anchor compatible seating positions. Some vehicles owner's manuals use the term "ISOFIX" instead; LATCH/UAS can also be used in vehicle seating positions that are equipped with ISOFIX. Look for the LATCH/UAS symbol that may be visible by the crease of the rear seats.

WARNING: DO NOT USE the LATCH/UAS strap to attach this child restraint rear-facing when restraining a child weighing over 35 lb (15.8 kg) or forward-facing when restraining a child weighing over 40 lb (18 kg).

DO NOT install using both LATCH/UAS connectors and the vehicle seat belt at the same time.

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 your 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. To fold seat, release the levers as shown and repeat the above steps in reverse.

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.**

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.

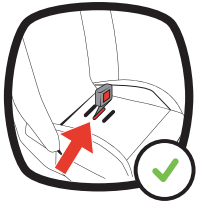
2. **Place harness straps over child's shoulders and legs and buckle.** You will hear a "click" when buckle tongues are securely attached. Pull up on each buckle tongue to make sure it is securely attached.

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 in. (3.8 cm) below the top of the car seat shell.

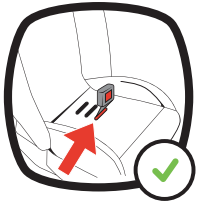
Rear-Facing
(harness AT or just below shoulders)

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 22–30 lb (10–13.6 kg) MUST use the middle buckle slot ONLY!



Children above 30 lb (13.6 kg) MUST use the forward most buckle slot ONLY!

1 REAR-FACING

installation instructions

REAR-FACING INSTALLATIONS: 4–50 lb (1.8–22.7 kg)

Infants who weigh less than 22 lb (10 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/UAS strap or vehicle seat belt is routed through the rear-facing belt path marked with the blue text and rear-facing illustrations.

REAR-FACING BELT PATH

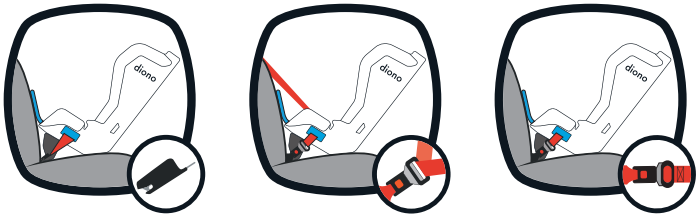
Install this car seat tightly in your vehicle. The car seat should not move at the rear-facing belt path location by more than 1 in. (2.5 cm) from side-to-side, front-to-back. If using a lap belt only, refer to your vehicles owners manual for installation advice.

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 lb (22.7 kg).

REAR–FACING

Diono RECOMMENDS 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 lb (22.7 kg).

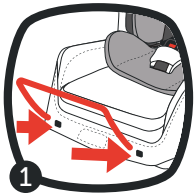


LATCH/UAS Strap | Vehicle Lap/Shoulder Belt | Vehicle Lap Belt

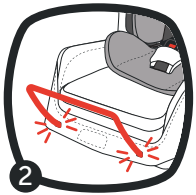
ANTI–REBOUND BAR

WARNING! ALWAYS use anti-rebound bar on rear-facing installs. DO NOT USE forward-facing.

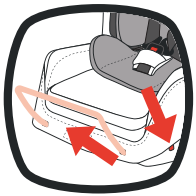
1. Place the anti-rebound bar into the anti-rebound bar slots on the front of the car seat.



2. Push the anti-rebound bar into the slots until hearing an audible "click".
   Pull up on the bar to confirm proper engagement.



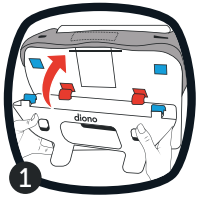
To remove the anti-rebound bar for forward-facing installations, press the release buttons near the bar on the outside of the seat and pull the anti-rebound bar out.
NOTE: You may need to release one side at a time.



REAR-FACING BASE

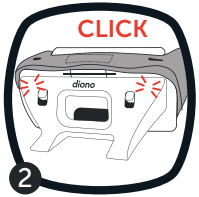
ALWAYS use rear-facing base on rear-facing installs ONLY. DO NOT use for forward-facing or booster mode.

1. Align lower hooks as shown.



2. Insert hooks first and push the top of the base in until hearing an audible "click".

   Confirm base is locked and does not move.



To remove, press release buttons and pull top end outwards to remove top section. Gently detach base lower hooks from seat bottom.

REAR–FACING

INFANT SUPPORT

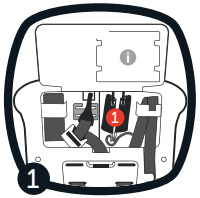
To ensure a better fit for smaller infants, we recommend using the infant head and body support cushions included with your car seat. The infant support also includes a removable comfort wedge for head support. Use of these cushions and wedge is optional and does not affect the safety of the seat.

To use, slide the buckle through the buckle slot on the infant body cushion that matches the slot chosen on the seat.

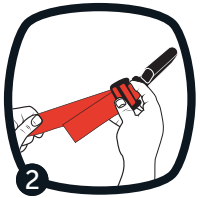
INSTALL USING LATCH/UAS: 4–35 lb (1.8–15.8 kg)

DO NOT install by this method for a child weighing more than 35 lb (15.8 kg). Reinstall with vehicle belt for weights between 35–50 lb (15.8–22.7 kg).

1. **Remove LATCH/UAS strap from storage location 1 on back of seat**. Use LATCH/UAS release on LATCH/UAS connectors and pull up to remove. Unhook strap from back of seat shell.



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

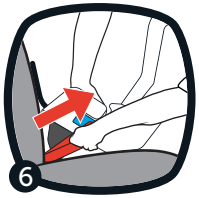


3. **Place car seat rear-facing in back seat of the vehicle with detachable rear-facing base installed (page 33).** Center the car seat between the vehicle LATCH/UAS anchors. The entire seat bottom should sit flat on the vehicle seat.

4. **Slide the LATCH/UAS strap through the rear-facing belt path and out the other side.** The LATCH/UAS strap should lie flat and not be twisted.

5. **Attach LATCH/UAS connectors to vehicle LATCH/UAS anchors and listen for audible "click" to confirm engagement.**

6. **Tighten the LATCH/UAS strap.** Press down firmly in the center of the car seat while tightening the LATCH/UAS strap. You may need to tighten further by pulling upwards in-line with the belt path as shown.



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

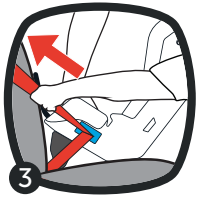
8. **To remove LATCH/UAS strap from vehicle** — Use LATCH/UAS release on the LATCH/UAS connectors and pull them off the anchor bars.

INSTALL USING LAP/SHOULDER BELT WITH 5-POINT HARNESS : 4–50 lb (1.8–22.7 kg)

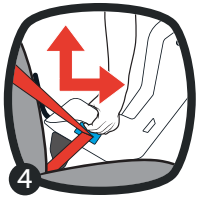
1. **Place car seat rear-facing in back seat of the vehicle with detachable rear-facing base installed (page 33).**
   The entire seat bottom should sit flat on the vehicle seat.

2. **Slide the vehicle seat belt through the rear-facing belt path and out the other side.**
   Buckle it. The seat belt should lie flat and not be twisted.

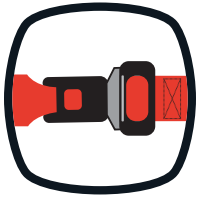
3. **IMPORTANT! Tighten the vehicle seat belt.**
   Press down firmly in the center of the car seat. To tighten, pull on the loose end of the vehicle lap/shoulder belt.



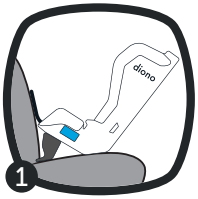
4. **Test for tightness.**
   Grab the side of the seat where the vehicle seat belt is and slide the car seat side-to-side and front-to-back. If the seat moves less than 1 in. (2.5 cm), it is tight enough. Do not test by grasping the top or back of the seat.



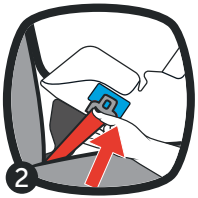
INSTALL USING LAP BELT WITH 5-POINT HARNESS: 4–50 lb (1.8–22.7 kg)



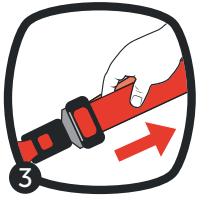
1. **Place car seat rear-facing in back seat of the vehicle with detachable rear-facing base installed (page 33).** The entire seat bottom should sit flat on the vehicle seat.



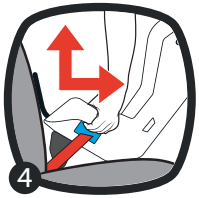
2. **Slide the vehicle seat belt through the rear-facing belt path and out the other side**. Buckle it. The seat belt should lie flat and not be twisted.



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.



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 in. (2.5 cm), it is tight enough. Do not test by grasping the top or back of the seat.



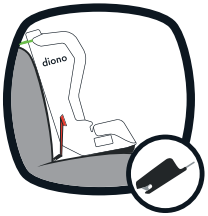
2 FORWARD-FACING

installation instructions

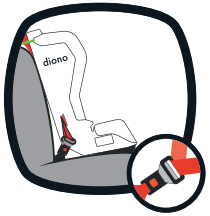
FORWARD-FACING INSTALLATIONS: 22–65 lb (10–29.5 kg)

ALWAYS Use the top tether.

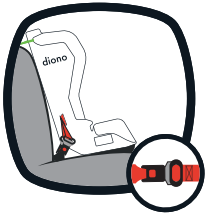
DO NOT place infant in forward-facing restraint until they are at least 1 year old and weigh 22 lb (10 kg). Diono recommends keeping children rear-facing until they are at least 2 years old.



LATCH/UAS Strap



Vehicle Lap/Shoulder Belt



Vehicle Lap Belt

Make sure LATCH/UAS strap or vehicle seat belt is routed through the forward-facing belt path marked with the red text 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 in. (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.

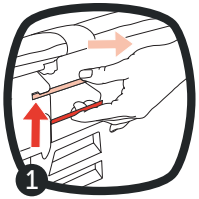
The American Academy of Pediatrics (AAP) and NHTSA recommend that children be rear-facing until they reach the maximum rear-facing height and weight. This car seat can remain rear-facing up to 50 lb (22.7 kg).

ADJUSTABLE BOTTOM

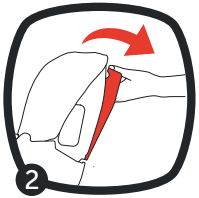
WARNING! Use adjustable bottom for forward-facing installs only.
DO NOT use rear-facing. DO NOT use in booster mode.

IMPORTANT: If the child is OVER 25 LB (11.3 KG), lower the adjustable bottom.

1. Lift the bottom bar up and grasp the upper bar toward the seat bottom to release.



2. Pull bar towards you to extend the adjustable bottom. Listen for audible "click" to confirm bottom is in locked position.



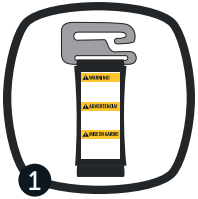
To store adjustable bottom, lift the lower bar up while grasping the top bar and push the bottom back into the seat base.

SAFESTOP

SafeStop is for use ONLY in forward-facing installations from 22–40 lb (10–18 kg). DO NOT USE REAR-FACING.

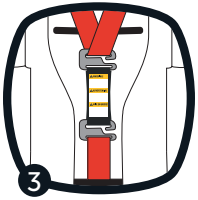
IMPORTANT: The SafeStop will need to be removed once the child reaches 40 lb (18 kg).

1. **Your SafeStop was included with your car seat in the box.**



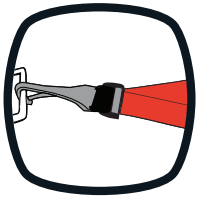
2. **Remove harness straps from metal plate**. Detach harness from metal plate on back of seat. Once detached, thread both harness straps onto the metal hook of the SafeStop. Connect left side of harness first, then follow with the right.

3. **Thread bottom of SafeStop onto the metal hook** of harness adjuster. Check to ensure proper engagement to the metal plate. Take care to ensure harness straps are not twisted and are clear from any obstructions.



TOP TETHER

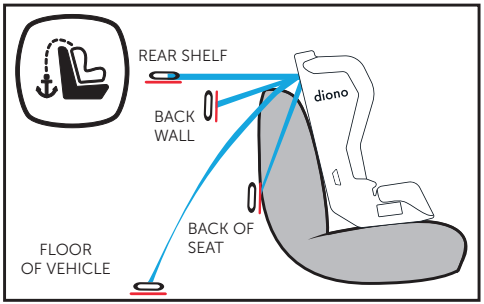
ALWAYS Use the top tether.



A tether is designed to reduce movement of a forward-facing child restraint in a collision.

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.

FORWARD-FACING TOP TETHER INSTALLATION

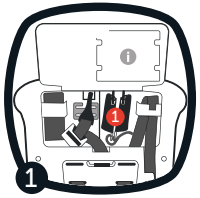


FORWARD–FACING

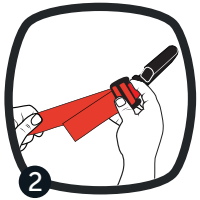
INSTALL USING LATCH/UAS: 22–40 lb (10–18 kg)

DO NOT install by this method for a child weighing more than 40 lb (18 kg). Reinstall with Lap/Shoulder Belt for weights between 40–65 lb (18–29.5 kg).

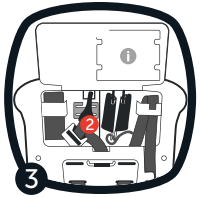
1. **Remove LATCH/UAS strap from storage location 1 on back of seat**. Use LATCH/UAS release on the LATCH/UAS connectors to remove.



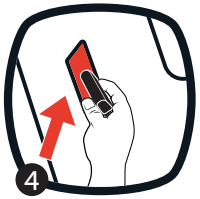
2. **Extend the LATCH/UAS strap.** For easier installation, extend the LATCH/UAS strap to its maximum length by pressing the grey button and pulling on the strap.



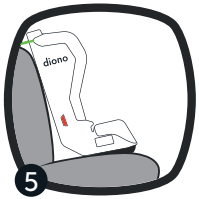
3. **Unhook and remove top tether strap from storage location 2 on back of seat.**



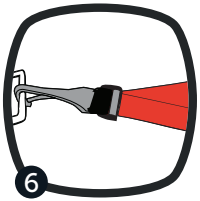
4. **Feed LATCH/UAS connectors into forward-facing belt path.**



5. **Place car seat forward-facing in back seat of the vehicle.** Center the car seat between the vehicle LATCH/UAS anchors. The entire seat bottom should sit flat on the vehicle seat.

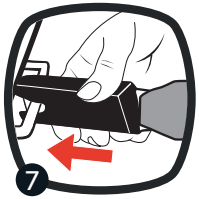


6. **Loosely attach tether strap.** Do not tighten. Consult vehicle's owner manual for specific location.

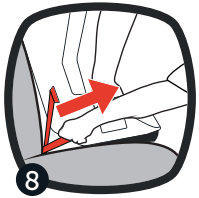


FORWARD–FACING

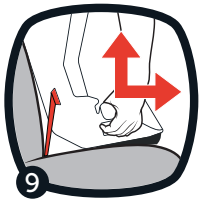
7. **Attach LATCH/UAS connectors to vehicle's LATCH/UAS anchors and listen for audible "click" to confirm engagement.** LATCH/UAS strap should lie flat and not be twisted.



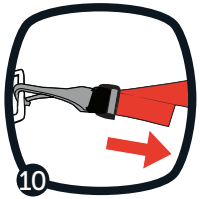
8. **Tighten the LATCH/UAS strap.** Press down firmly in the center of the car seat while tightening the LATCH/UAS strap.



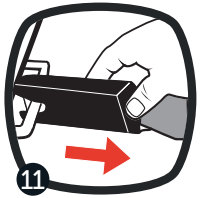
9. **Test for tightness.** Grab the side of the seat with one hand where the LATCH/UAS strap is and slide the car seat side-to-side and front-to-back. If the seat moves less than 1 in. (2.5 cm), it is tight enough. Do not test by grasping the top or front of the seat.



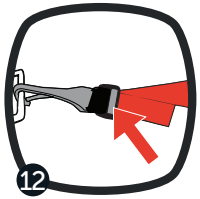
10. **Tighten the top tether strap.** Push the car seat back while tightening the tether strap to remove all the slack.



11. **To remove LATCH/UAS strap from vehicle,** use LATCH/UAS release on the LATCH/UAS connectors and pull them off the anchor bars.



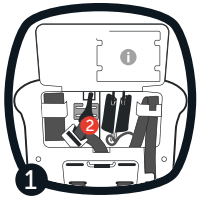
12. **To loosen or remove the top tether,** push in on the grey button to loosen, then unclip the top tether.



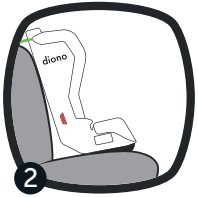
FORWARD–FACING

INSTALL USING LAP/SHOULDER BELT WITH 5-POINT HARNESS : 22–65 lb (10–29.5 kg)

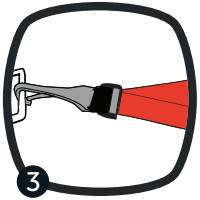
1. **Unhook and remove top tether from storage location 2 on back of seat**.



2. **Place car seat forward-facing in back seat of the vehicle.** The entire seat bottom should sit as flat as possible on the vehicle seat.



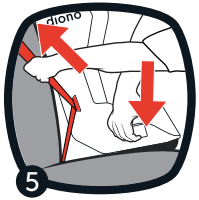
3. **Loosely attach top tether strap.** Do not tighten. Consult vehicle's owner manual for specific location.



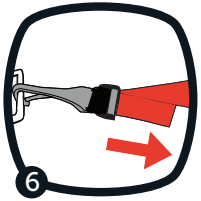
4. **Slide the vehicle seat belt through the forward-facing belt path and out the other side**. Buckle it. The seat belt should lie as flat as possible and not be twisted.

5. **Tighten the vehicle seat belt.** Slowly pull the lap/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 vehicle owner's manual.

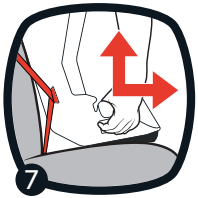
   Press down firmly in the center of the car seat. To tighten, pull from the lap/shoulder belt on the side **nearest to the buckle** while feeding the slack back into the retractor.



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



NOTES

FORWARD–FACING

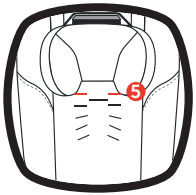
LAP BELT CUSHION

FOR U.S. INSTALLATIONS ONLY!
DO NOT USE FOR CANADA INSTALLATIONS!

This lap belt cushion should ONLY be used for harnessed forward-facing installations using a LAP BELT ONLY with NO top tether available from 22–65 lb (10–29.5 kg).

DO NOT USE REAR-FACING.

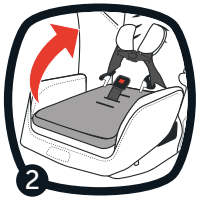
WARNING: You MUST use the 5th harness slot when using the lap belt cushion.



FOR U.S. INSTALLATIONS ONLY!
To install the Lap Belt Cushion:

1. **Remove the center buckle pad** by pulling it carefully up and over the buckle.

2. **Flip up memory foam pad from seat.**

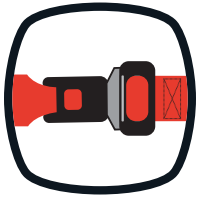


3. Place lap belt cushion on seat bottom, and **slide the buckle through the slot** in the cushion that matches the slot position being used on the seat.

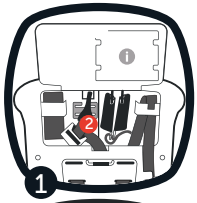
4. **Flip down memory foam pad** and **slide buckle through the slot** being used on the seat. **Reinstall the center buckle pad**.
   Should you need a longer buckle, these are available by calling Customer Care.

FORWARD–FACING

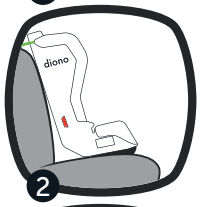
INSTALL USING LAP BELT WITH 5-POINT HARNESS : 22–65 lb (10–29.5 kg)



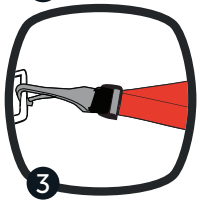
IMPORTANT: For U.S. ONLY harnessed forward-facing installations using a LAP BELT ONLY with NO top tether anchor point available, you MUST install the Diono Lap Belt Cushion.



1. **Unhook and remove top tether from storage location 2 on back of seat**.



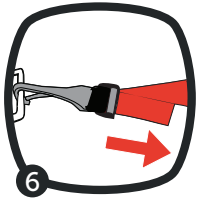
2. **Place car seat forward-facing in back seat of the vehicle.** The entire seat bottom should sit flat on the vehicle seat.



3. **Loosely attach top tether strap.** Do not tighten. Consult vehicle's owner manual for specific location.

4. **Slide the vehicle seat belt through the forward-facing belt path and out the other side.** Buckle it. The seat belt should lie as flat as possible and not be twisted.

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 in. (2.5 cm), it is tight enough. Do not test by grasping top of the seat.

3 BOOSTER MODE

installation instructions

BOOSTER MODE INSTALLATIONS: 40–120 lb (18–54 kg)

WARNING! Use ONLY the vehicle lap/shoulder belt system when restraining the child in this booster seat.

DO NOT USE A LAP BELT ONLY!
DO NOT use adjustable bottom.

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 with their back flat against the back of the booster seat.**

2. **Slide vehicle's lap/shoulder belt over booster seat and between inside of car seat shell and the belt guide in the headrest**.

3. **Buckle the vehicle lap/shoulder belt.**
   Be sure the lap/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.** WARNING: All harness slot positions can be used rear-facing, however, only use the top three shoulder harness positions for forward-facing.

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 as they 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. **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. **Detach harness straps from metal plate on back of seat.** 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 22–30 lb (10–13.6 kg) **MUST** use the middle buckle slot only. Children above 30 lb (13.6 kg) **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. 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.

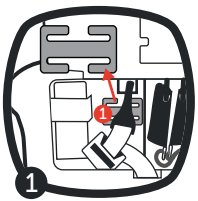
3. **Tighten the harness by pulling the harness adjustment strap.** When you are not able to pinch any of the harness webbing at your child's shoulder, the harness is tight enough. A snug harness should not allow any slack. It lies in a relatively straight line without sagging. It does not press on the 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.**

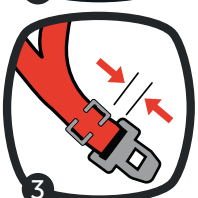
WARNING: If your vehicle lap/shoulder belt is equipped with ELR (Emergency Locking Retractor) that does not switch to function as an ALR (Automatic Locking Retractor), you **MUST** use a locking clip to secure lap portion of vehicle seat belt. If you have any questions, please consult your vehicle owner's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

1. **Remove lock clip storage location 1 on back of seat.**



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

3. **Attach locking clip to lap/shoulder belt as shown. Rebuckle belt.** Check that lap belt does not move by pulling hard. If belt loosens or lengthens, repeat procedure.



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

Follow the instructions in the forward-facing installation section for use with a lap belt.

HARNESS STRAP REMOVE/REPLACE

1. **Remove harness straps from the metal hook on back of seat.**

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.

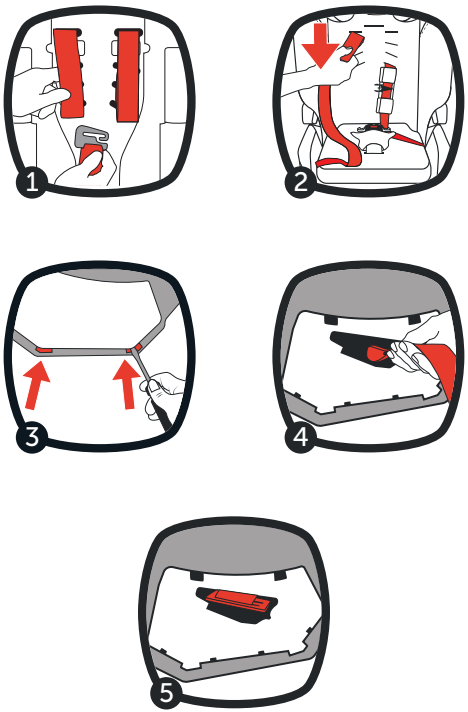
3. **Using a standard screwdriver, locate the notches in the harness access panel and pull the panel away from the seat shell.** Remove old harness straps from each side of the seat.

4. **Insert new harness strap through the slot and pull the strap up.**

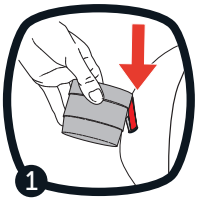
5. **Once the strap is pulled up until the metal "D" ring is located as shown,** re-fasten and close the access panel by pushing onto slot until an audible "click" is heard.

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

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



1. **To attach your cup holder,** locate the cup holder icon on seat cover on either side of the seat.

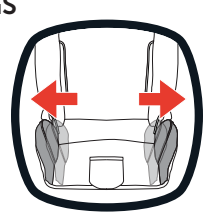


2. **Insert the cup holder with into the slot in the seat.** Push down to securely engage the cup holder into the slot and twist to firmly lock in place.

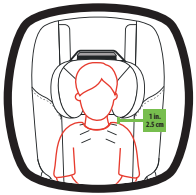
CAUTION: **DO NOT** use with hot liquids as this could burn a child.

ADJUSTING EXPANDABLE SIDE WINGS

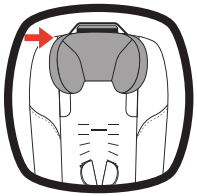
The side wings can be adjusted for comfort as shown. These will not impact the safety of the car seat in any manner. Simply push the side wings outward as shown to extend.



IMPORTANT: **When using the top 4 harness slots, position headrest so that the bottom edge is above the shoulders and about level with the jaw. The headrest should be 1 in. (2.5 cm) above child's shoulders.**



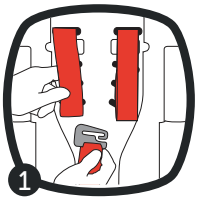
When using the bottom harness slots, position headrest level with the top of the seat.



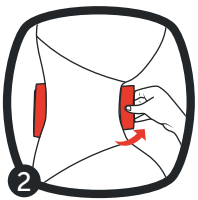
Press lever on headrest and slide up or down to adjust.

Listen for audible "click" to confirm headrest is in locked position.

1. Remove harness straps from the harness hook on back of seat. Pull harness straps out through front of cover.

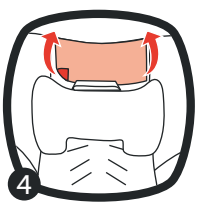


2. Remove headrest cover by pulling on tabs located on at the center of the headrest along the top and bottom. Remove fabric from channel along top and sides. Remove elastic loops from hooks on bottom of headrest.

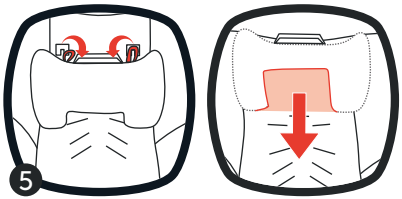


3. Pull edges of cover out from channel along top and sides of seat.

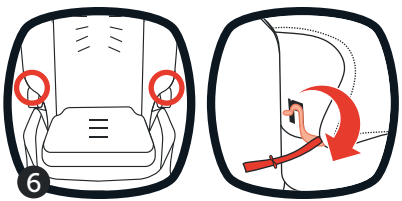
4. Push headrest down to lowest position and gently pull up on flap of cover to detach plastic fasteners from seat shell.



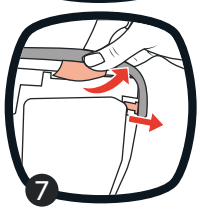
5. Unhook loops from seat shell. Pull headrest up to highest point and gently pull cover out from behind headrest.



6. Remove elastic strap from hook on left and right sides of seat.



7. Remove tabs from slots on bottom front of seat.



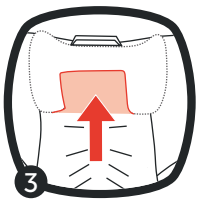
8. Remove buckle from memory foam cushion and seat cover bottom and pull seat cover free from seat shell.

9. Wash per instructions on page 78.

1. Place seat cover over expandable side wings. Insert seat cover tabs into slots on bottom front of seat.

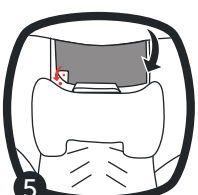
2. Guide buckle through seat cover bottom and memory foam cushion. Thread harness through seat cover.

3. Place seat cover around headrest against sides of seat. Slide headrest to highest position and guide seat cover behind it.

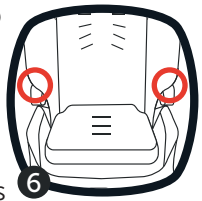


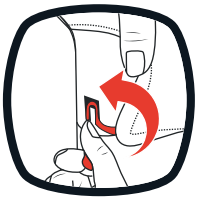
4. Lower headrest into lowest position while keeping the seat cover flat behind it. Reach behind the headrest and attach elastic loops into hooks in seat shell.

5. Place the top flap of cover down and push plastic fasteners through button holes into the hole in the seat shell.

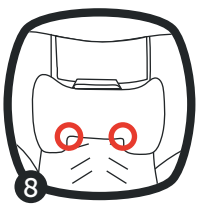


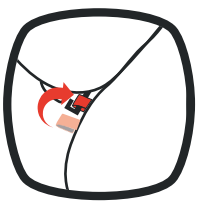
6. Stretch elastic strap and loop onto hooks on left and right sides of seat.





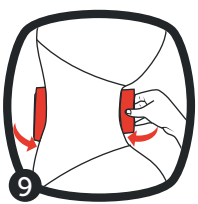
7. Tuck cover into channel along sides and top of seat. **NOTE:** Working from the bottom of the seat up is easiest.





8. Thread elastic loops on headrest cover into hooks along bottom of the headrest.

9. Place plastic tabs into bottom and top of headrest between plastic and memory foam. Tuck headrest cover into channel along sides of headrest.



10. Thread harness through seat back and re-attach to harness hook on back of seat, inserting the left strap before the right. Make sure the harness straps lay flat against the seat cover and are not twisted.

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 foam insert from seat pad prior to washing.
REMOVE infant support wedge from infant support cushion before washing.
DO NOT wash. DO NOT bleach, iron or dry clean.

CLEANING 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. Towel dry completely before re-use or storage.
DO NOT use detergents or lubricants.

CARE/MAINTENANCE

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: 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

UNITED STATES – WARRANTY

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

WARRANTY LIMITATIONS This warranty does not include damages which arise from negligence, misuse or use of the product not in accordance with the product instruction. The use of non-Diono covers, inserts, toys, accessories, or tightening devices is not approved by Diono. Their use could cause a restraint product to fail Federal Safety Standards or perform worse in a collision. Their use automatically voids the Diono warranty.

DIONO MAKES NO EXPRESS OR IMPLIED WARRANTIES OF ANY KIND OR NATURE, EXCEPT THOSE STATED IN THIS POLICY. DIONO DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON INFRINGEMENT.

LIMITATION OF LIABILITY TO THE MAXIMUM EXTENT PERMITTED BY LAW, IN NO EVENT SHALL DIONO OR ITS THIRD PARTY SUPPLIERS BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES WHATSOEVER, WHETHER BASED ON TORT, CONTRACT OR OTHER LEGAL THEORY, ARISING OUT OF THE USE OR INABILITY TO USE THE PRODUCT, EVEN IF DIONO HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. BECAUSE SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF LIABILITY FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES, THE ABOVE LIMITATION MAY NOT APPLY. IN NO EVENT WILL DIONO BE OBLIGATED TO PAY DAMAGES TO ORIGINAL RETAIL PURCHASER OR RETAILER FOR ANY AMOUNT EXCEEDING THE PRICE THAT PURCHASER PAID FOR THE PRODUCT. DIONO IS NOT LIABLE FOR ANY CLAIM MADE BY A THIRD PARTY OR MADE BY PURCHASER FOR A THIRD PARTY.

This warranty gives purchaser specific legal rights, and purchaser may have other rights, which vary from state to state. Neither Diono, nor the retailer selling this product, authorizes any person to create for it any other warranty, obligation, or liability in connection with this product. This warranty information can also be found in your Diono product's instruction manual.

AUTHORIZED RETAILERS Please visit the nearest authorized Diono retailer or authorized online retailer to purchase Diono products. A list of Diono authorized retailers can be found on our website. Not all products are available at all retailers. Diono products purchased from unauthorized retailers, online auction sites, or as second-hand items, are not covered under warranty. While the warranty may not be applicable for products purchased from such sources, replacement parts can be purchased.

Diono Canada, ULC ("Diono") warrants its proprietary products to the original retail purchaser as follows (the "Warranty"):

LIMITED ONE-YEAR WARRANTY This product is warranted against defective materials or workmanship for one year from the date of original purchase. Proof of purchase is required. The exclusive remedy for this Warranty is that Diono will, at its sole option, provide repair or replacement components for this product or refund the original purchase price of the 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 Consumer Services at 1-866-954-9786 or email: DionoCA@diono.com. Click "Register Your Car Seat" on the top right of the page or PLEASE COMPLETE AND MAIL THE OWNER REGISTRATION CARD WITHIN (30) DAYS OF PURCHASE. DIONO MAKES NO EXPRESS OR IMPLIED WARRANTIES OR CONDITIONS OF ANY KIND OR NATURE, EXCEPT THOSE STATED IN THIS SECTION AND IN DIONO'S APPLICABLE LIMITED WARRANTY STATEMENT IN EFFECT ON THE DATE OF THE INVOICE. DIONO DISCLAIMS ALL OTHER WARRANTIES AND CONDITIONS, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION IMPLIED WARRANTIES AND CONDITIONS OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON INFRINGEMENT.

Any claim or action commenced by the purchaser under this Warranty must be brought within one year from the date of original retail purchase, and purchaser agrees that any disputes shall be brought in and before a court located in the Province of Ontario to the exclusion of the courts of any other province.

WARRANTY LIMITATIONS This Warranty excludes damages which arise from negligence, misuse or use of this product not in accordance with the product's instructions, fire, floods, acts of God, or damage caused by alteration after completion of the installation of the product.

CANADA – WARRANTY

The use of non-Diono covers, inserts, toys, accessories, or tightening devices is not approved by Diono. Their use could cause this restraint to fail Federal Safety Standards or perform worse in a collision. Their use automatically voids this Warranty.

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