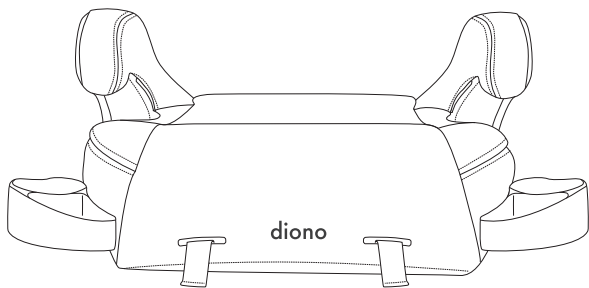




# solana

booster seat



## Instruction Manual

US Version



## **WARNING !** **Death or SERIOUS INJURY can occur.**

*Failure to follow all written instructions and product labels can result in death or serious injury in a crash. Carefully read and understand this instruction manual prior to using this restraint. If you have any questions visit [us.diono.com](http://us.diono.com) or contact Diono LLC. To insure proper long-term use, store this manual under the bottom of the base.*

- Use only with children whose height is between 38" and 63" and whose weight is between 40 lbs and 120 lbs.
- Only use this restraint forward-facing.
- Use only the vehicle's lap and shoulder belt system when restraining the child in this booster seat.
- NEVER use with only a vehicle lap belt to restrain a child. This could result in serious injury or death to a child.
- Some vehicle seat belt systems cannot be used with this booster seat. Read vehicle owner's manual and 'Vehicle Seat Belt Systems' section of this manual.
- DO NOT use this booster seat with any other backrest or cushions.
- To prevent injury due to product deterioration, do not use this booster seat if it has been involved in a severe accident or if it is older than six years from date of purchase, or date of manufacture.





**WARNING !**  
**Death or SERIOUS INJURY can occur.**

- Never leave a child alone in a vehicle, even for a short time.
- Always secure this booster seat using vehicle seat belt or LATCH anchors even when not occupied. In a crash, an unsecured item may cause injury to other vehicle occupants.
- Except as described in this manual, do not disassemble or modify any part of this booster seat or vehicle seat belt.
- Register your child restraint with the manufacturer.
- Do not place anything under the booster seat to raise it off the vehicle seat.
- This restraint is not a toy. Do not let a child play with it.
- Do not leave folding vehicle seats unlatched. In the event of a sudden stop, a loose seat back could prevent the booster seat from protecting the child as well as it should.
- In the event of an accident, the vehicle body itself provides the most significant passenger protection. While a properly installed restraint will improve chances for survival in most accidents, a booster seat will not protect a child if the vehicle is too severely impacted.
- Follow all instructions on this child restraint and in the written instructions. To insure proper long term use, store this manual under the bottom of the base.





**WARNING !**  
**Death or SERIOUS INJURY can occur.**

- According to accident statistics, the National Highway Transportation Safety Administration (NHTSA) recommends that parents select the rear seat as the safest location to properly install a booster seat. Please read carefully the section concerning vehicle seat belts in this guide to insure the child's safety. If in doubt about installing this booster seat, please consult the vehicle owner's manual.

**WARNING:** *DO NOT place a child restraint in the front seat of a vehicle with a passenger air bag unless the air bag is turned off. DEATH or SERIOUS INJURY can occur. The back seat is the safest place for children under 12.*



**IMPORTANT:** Children who weigh 40 lbs (18 kg) or less are best protected in a 5-point harness restraint. Diono recommends that children remain in a 5-point harness restraint until reaching the maximum weight or height allowed.

- If the child will not keep the vehicle shoulder belt properly positioned at all times, DO NOT use a booster seat. You must use a harnessed child restraint.
- **Maximum Child Height:** Child is too tall if the top of the ears are above the top of the fully raised vehicle seat headrest or if the child's height is more than 63 inches.





## Safety Information

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### GENERAL

- Cover this booster seat if vehicle is left in direct sunlight. Portions of the booster seat can become hot enough to burn a child and cover fabric can become faded.
- Store this booster seat in a safe place when not in use. Do not store near direct heat source or place heavy objects on top of it.
- Always make sure vehicle seat is locked in its upright position. Reclining the vehicle seat will adversely affect the safety and performance of the child seat in an accident.

### CERTIFICATION

This child restraint system conforms to all applicable Federal Motor Vehicle Safety Standards (FMVSS 213). **This restraint is not certified for use in aircraft.** Lap belts in aircraft cannot be used safely with this booster seat.

### REGISTRATION

Visit [us.diono.com](http://us.diono.com) to register your restraint online. Child restraints can be recalled for safety reasons. You must register this restraint to be reached in a recall. Send your name, address and this restraint's model and serial number and manufacturing date to Diono LLC, 14810 Puyallup Street East, Suite 200, Sumner, WA 98390, or call **1-855-463-4666**. For recall information call the U.S. Government's Vehicle Auto Safety Hotline at **1-888-327-4236** (TTY 1-800-424-9153) or go to [www.nhtsa.gov](http://www.nhtsa.gov).





## Safety Information (continued)

### VEHICLE SEAT BELT SYSTEMS

**IMPORTANT:** Some vehicles have no seating positions compatible with booster seats. If in doubt, please contact the vehicle manufacturer for assistance.



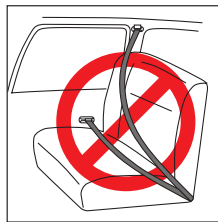
**WARNING:** ONLY use this booster seat with a 3-point (lap-and-shoulder) vehicle seat belt that is NOT motorized or anchored to the vehicle door.

In order to protect a child in an accident, this booster must be used with a compatible vehicle seat belt.

The following seat belt types are NOT compatible with this booster seat:

- Two-point seat belts of any kind.
- Three-point seat belts with separate retractors for lap and shoulder sections.
- Motor-driven, automatic seat belts.
- Seat belts with anchorage points on the door.

The vehicle owner's manual will have complete information on the types of seat belts in the vehicle. If the seat belt type is listed above, choose another seating position in the vehicle.





## VEHICLE SEATING POSITIONS

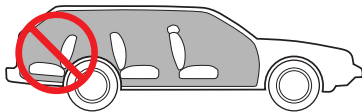
Diono and the U.S. Department of Transportation warn that children under 12 must ride in the rear seats and away from front airbags. The only exception is if the airbag is turned off. When using a vehicle with airbags, refer to the vehicle owner's manual for additional booster seat installation instructions and precautions.



**WARNING:** Only use this booster seat in forward-facing vehicle seats. DO NOT use this booster seat in side-facing or rear-facing seats in vans or station wagons.



Seats which face sides of vehicle.



Seats which face rear of vehicle.

## CUP HOLDERS

Cup holders are located on both sides of seat bottom: swivel outward to the locked position for use. Swivel inward to the recessed and locked position when not in use.

**IMPORTANT:** Do not step on or put excess weight on cup holder which could cause it to break.

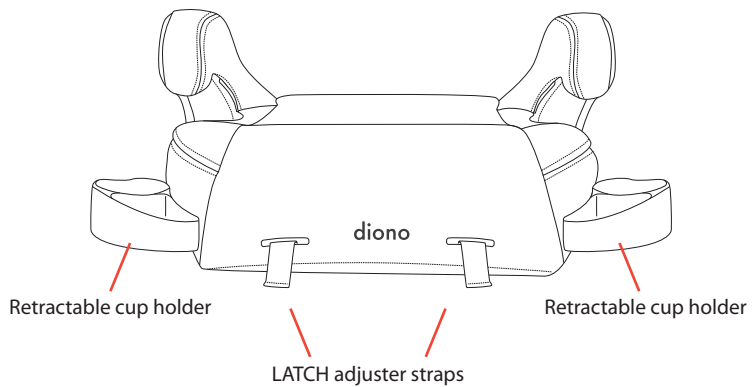
**CAUTION:** DO NOT use with hot liquids as this could burn a child.





## Parts for Assembly & Installation

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## LATCH Installation

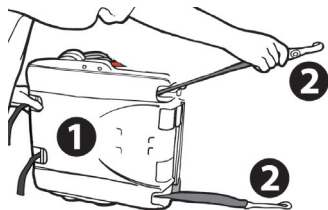
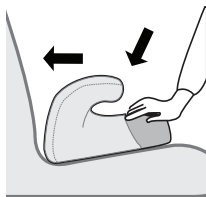
To improve safety and performance, this booster seat is equipped with a unique, LATCH system that allows secure attachment to a vehicle's lower LATCH anchor locations.



**WARNING:** *Unsecured objects can become flying hazards and can cause serious injury in an accident. Diono always recommends utilizing LATCH installation in vehicles equipped with lower anchors.*

Disengage LATCH connectors from storage slots and lay booster seat on its side.

- 1 While depressing the cam lock lever,
- 2 Pull LATCH connectors away from the booster seat and extend both straps all the way.

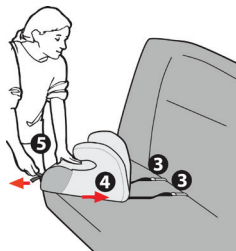




## LATCH Installation (continued)

- 3 Attach both LATCH connectors to the vehicle anchors, starting with the connector that is furthest from you. For ease of use, make sure open end of hooks face upward during use.
- 4 While pushing booster against vehicle seat,
- 5 Pull one adjuster strap tight and then the other.

*NOTE: Even with LATCH properly attached and adjusted, child seat will still have movement against the vehicle seat back and bottom.*



### DISENGAGING LATCH INSTALLATION

Follow above instructions in reverse:

- 1) Depress the cam lock lever while pulling child seat away from the vehicle seat back until the LATCH straps are extended all the way.
- 2) Disconnect LATCH connectors from vehicle anchors.
- 3) Pull LATCH adjuster straps to recess the LATCH connectors into the back of the booster seat bottom for safe storage.





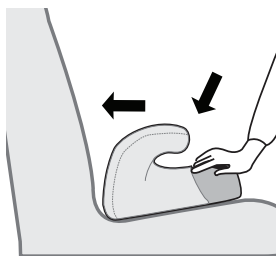
## Proper Positioning on Vehicle Seat

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Place booster seat on vehicle seat so it is resting firmly on vehicle seat bottom and touching the vehicle seat back.

**IMPORTANT:** When using booster seat in center seating position, make sure it is stable and does not rock from side to side.

**IMPORTANT:** Do not use LATCH if installation interferes with vehicle seat belt.





## Securing the Child

- 1) Make sure booster seat is properly positioned and installed on vehicle seat as per the instructions on page 12-13.
- 2) Properly position child: sitting upright and all the way back in the booster seat.
- 3) Fasten seat belt across child: Lap portion of seat belt should rest within both red lower belt guides. Diagonal shoulder portion should rest over child's shoulder.
- 4) Make sure seat belt is not twisted and lays flat across child's lap, torso and shoulder.
- 5) Tighten the seat belt by pulling the diagonal shoulder belt portion in the direction of the arrows.
- 6) Confirm seat belt buckle is in correct position (*page 13*).



**WARNING:** *If lap portion and diagonal portion of seat belt are not positioned correctly, the booster seat is not properly installed:*

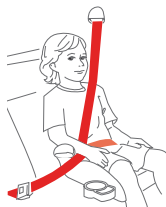
- *Diagonal portion of seat belt should lay over the shoulder and NOT touching the neck.*
- *Lap belt position should be forward and as low as possible over child's pelvis and contacting the upper thigh.*





## PROPER BUCKLE POSITION

**IMPORTANT:** After booster seat is installed and seat belt is fastened around child, it is important to confirm correct seat belt buckle position to ensure secure installation. Correct seat belt buckle position: Buckle is on the outside of lower belt guide.



### **Incorrect seat belt buckle position.**

If buckle is being pulled across the lower belt guide and into the seat, choose another seating position within the vehicle.





## Care & Maintenance

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### **CLEANING THE COVER**

Read all labels attached to cover for washing instructions.

Hand wash cover in cold water with mild detergent only.

Line dry to prevent shrinkage.

Do NOT wash cover in hot water.

Do NOT bleach, machine wash or machine dry.

### **CLEANING THE SHELL**

Sponge clean ONLY using warm water and mild soap. Towel dry when finished. Do NOT use solvents, detergents or any other chemical or cleaning agent. Do NOT lubricate any part of the seat.

### **REMOVING THE FABRIC COVER**

- 1) Remove plastic fasteners and elastics that secure fabric cover to seat bottom.
- 2) Remove fabric cover pieces from the booster seat sections.

### **ATTACHING THE COVER**

Follow the above instructions in reverse.

## Warranty Information

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The manufacturer of this child restraint, Diono LLC, warrants this product only to the original retail purchaser. Visit [us.diono.com](http://us.diono.com) for complete warranty information and details.







# solana

booster seat

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*product:* **solana**  
booster seat

*model series:* 320000  
*mfg. by:* Diono LLC  
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Sumner, WA 98390

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**[us.diono.com](http://us.diono.com)**