## Britax Frontier 85 SICT User Guide


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- Harness mode: use only with children who weigh between 25 and 85 lbs ( 11.3 and 38.6 kg ) and whose height is between 30 and $57 \mathrm{in} .(76.2$ and 144.8 cm ) and are at least 2 years of age.
- Booster mode: use only with children who weigh between 40 and 120 lbs (18.1 and 54.4 kg ) and whose height is between 42 and 65 in . (106.7 and 165.1 cm ).
- Snugly adjust the belts provided with this child restraint around your child.
- Secure the top anchorage strap provided with this child seat.
- Use only the vehicle's lap and shoulder belt system when restraining the child in this booster seat.
- Secure this child restraint with the vehicle's child restraint anchorage system if available or with a vehicle belt.
- Follow all instructions on this child restraint and in the written instructions located in the pocket behind the cover of the child seat.
- Register your child restraint with the manufacturer.
- For harness mode refer to your vehicle owner's manual or contact the vehicle manufacturer for the maximum weight rating for the LATCH anchors in your vehicle. Use the vehicle belt (not LATCH connectors) for installations with children who weigh more than the vehicle LATCH anchor limit. Unless specified otherwise by the vehicle manufacturer, assume a 40 pound (18.1 kg) child is the vehicle LATCH anchor limit.
- Use this child seat forward-facing only.
- According to accident statistics, children are safer when properly restrained in the rear seating positions than in the front seating positions.
- This child seat must not be used in the home, in boats, or other non-certified applications.
- To prevent injury due to deterioration or hidden damage, discontinue use of this child seat when it is older than nine years or has been in a moderate or severe crash. See date of manufacture and expiration date located on child seat shell. See page 5.
- The primary protection for occupants of a vehicle in a collision is the body of the vehicle itself. A child seat may not protect a child when the vehicle is seriously impacted. However when correctly installed, a child seat will substantially improve the chances for survival in most crashes.
- Cover the child seat when the vehicle is parked in direct sunlight. Parts of the child seat can become hot enough to burn a child.
- Secure this child seat even when it is not occupied. In a crash, an unsecured child seat may injure vehicle occupants.
- Store the child seat in a safe place when it is not being used. Avoid placing heavy objects on top of the child seat.
- Never use the harness or adjuster strap to lift or carry this child seat. Doing so could damage the harness adjuster and webbing. Always carry this child seat by the shell or tether straps.
- Do not allow children to play with this child seat.
- The use of non-Britax covers, inserts, toys, accessories, or tightening devices is not approved by Britax. Their use could cause this child seat to fail Federal Motor Vehicle Safety Standards or not perform as intended in a crash.
- Always check the back seat upon leaving your vehicle to prevent leaving a child restrained in a child seat alone in the vehicle.
- Do not leave loose objects, e.g. books, bags, etc., in the back of a vehicle. In the event of a sudden stop, loose objects will keep moving, potentially striking passengers and causing serious injuries.
- Do not leave folding vehicle seats unsecured. In the event of a sudden stop, a loose seat back could cause the child seat not to perform as intended.
- Prevent the Side Impact Cushions from being punctured. Puncture damage will cause the cushions not to perform as intended in a crash.


## Important Notes

- Verify that the child seat is securely installed and that the harness is properly adjusted around the child each time the child seat is used.
- Adjust the harness to fit the clothes the child is wearing. Remove bulky coats and/or jackets before putting the child in the child seat.
- Do not, except as described in this booklet, attempt to disassemble any part of the child seat or change the way the harness or vehicle's seat belts are used.
- Do not use anything to raise the child seat off of the vehicle seat. In a crash, this could cause the child seat not to perform as intended.


## Certification

This child seat system conforms to all applicable Federal Motor Vehicle Safety Standards.
This Restraint is Certified for Use in Motor Vehicles and Aircraft
 when Used in Harness Mode.
This Restraint is Not Certified for Use in Aircraft when Used in Booster Mode.
Belt positioning booster seats require lap-shoulder belt Certified for installation not available in aircraft. Aircraft Travel Follow lap-belt installation instructions found on page 29, to install this child seat in aircraft.
NOTE: The Versa-Tether cannot be used in aircraft.
Install your child seat in a window seat to avoid blocking the aisle.
If the aircraft lap belt is too short, ask the flight attendant for a belt extender.


WARNING! Inflatable lap belts are NOT compatible with this child seat.

## Registration

Child seats can be recalled for safety reasons. You must register this child seat to be reached in a recall. Send your name, address, and the child seat's model number and manufacturing date to Britax Child Safety, Inc., 13501 South Ridge Drive, Charlotte, NC 28273, or call 1-888-4BRITAX, or register online at www. BritaxUSA.com/registration. 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.
Model Name \& Number: $\qquad$
Serial Number:
Batch Number:
Date of Manufacture:


Cover
Side Impact Cushion
LATCH Strap
Arm Rest
Cup Holder
Head Restraint
Head Restraint Cover
Harness Slot
9 $\square$ User Guide Storage (in pocket behind cover)
Shoulder Belt Guide
Comfort Pads
HUGS ${ }^{\text {TM }}$ Chest Pads
Chest Clip
Harness Straps
Harness Buckle
Lower Belt Guide
Belly Pad
Harness Adjuster Release Lever (under flap)
Harness Adjuster Strap


20 Head Restraint Adjuster Locking Screw Storage Slot
21 LATCH Connector
22 LATCH Connector Storage Slot
23 LATCH Connector Release Button
4 LATCH Adjuster
25 LATCH Adjuster Release Button
26 Manufactured Date and Expiration Date Label
27 Belt Slot
28 Harness Yoke Storage (on belt shield)
29 Versa-Tether ${ }^{\circledR}$ Hook
30 Versa-Tether ${ }^{\circledR}$ Storage Clip
31 Locking Screw
32 Head Restraint Adjuster
3 Shell
34 Versa-Tether (Top Anchorage Strap)
35 Versa-Tether ${ }^{\circledR}$ Adjuster
36 Versa-Tether ${ }^{\circledR}$ Webbing Storage Strap
Harness Height Adjuster
Belt Shield
Harness Yoke (behind Belt Shield)
40 Positioning Block

## Harness Mode:

WARNING! Harness mode use of this child seat is ONLY for children who meet ALL of the following requirements. If the child does not meet all harness mode requirements because the child is too small, another type of child seat MUST be used. If your child does not meet all harness mode requirements because they are too large, you may need to use this child seat in booster mode. Thoroughly review all fit requirements before using the child seat.

Children must:
1 be at least two years of age and
2 weigh between $25-85 \mathrm{lbs}(11.3-38.6 \mathrm{~kg})$ and
3 stand $30-57 \mathrm{in}$. $(76.2-144.8 \mathrm{~cm})$ in height and


4 the top of the child's ears must be below the top of the head restraint when seated and


5 the harness straps must be located at or above the child's shoulders when seated.

## Booster Mode:

WARNING! Booster mode use of this child seat is ONLY for children who meet ALL of the following requirements. Use only the vehicle's lap and shoulder belt to secure the child. If the child does not meet all booster mode requirements because the child is too small, you may need to use this child seat in harness mode. Thoroughly review all fit requirements before using the child seat.

Children must:
1 be at least $40-120 \mathrm{lbs}(18.1-54.4 \mathrm{~kg})$ and
2 stand $42-65 \mathrm{in}$. ( $106.7-165.1 \mathrm{~cm}$ ) in height and
3 the top of the child's ears must be below the top of the head restraint and
4 the vehicle belt must be appropriately positioned at or above the child's shoulder through the shoulder belt guide.


NOTE: Britax recommends booster mode only after the child outgrows harness mode.

## Compatible Vehicle Seat Belts

NOTE: The information in this section only applies to installation with vehicle belts.
Vehicle seats and seat belts differ from vehicle to vehicle. Refer to your vehicle owner's manual for specific information about your vehicle belts and their use with child seats.

## Lap-Shoulder (3-Point) Belt

1. ALR (Automatic Locking Retractor) with Sliding Latch Plate
a Has a latch plate that freely slides along the vehicle belt webbing.
b Has a retractor that stops the belt from being pulled out again once the belt webbing has been pulled out at least 24 in . (61 cm).

c Tightens by feeding the belt webbing back into the retractor.

2. ELR (Emergency Locking Retractor) with Locking Latch Plate
a Has a latch plate that does not allow the lap part of the belt to become loose after it is buckled.

b Has a retractor that locks only in an emergency situation such as sudden stop or crash.

3. Switchable Retractor in ALR Mode with Sliding Latch Plate
a Has a latch plate that freely slides along the vehicle belt webbing.
b Has a retractor that can be switched to function as an ALR by pulling the vehicle belt fully out until a clicking sound can be heard when retracting.

* To use a child seat with this type of vehicle belt, you will need to switch to the ALR mode or use a locking clip.



## 4. ELR (Emergency Locking Retractor) with a Sliding Latch Plate

a Has a latch plate that freely slides along the vehicle belt webbing.
b Has a retractor that locks only in an emergency situation such as sudden stop or crash.

IMPORTANT: This belt type requires the use of a locking clip to secure the seat during installation. A locking clip must be secured approximately 1 in. $(2.5 \mathrm{~cm})$ from the latch plate to secure the child seat.
Call Britax Consumer Services at 1(888) 427-4829 to obtain a locking clip.


## Lap Belt

IMPORTANT: A Lap belt may only be used to install the child seat in harness mode and should never be used to secure your child in booster mode.

## 5. ALR (Automatic Locking Retractor)

a Has a latch plate that is sewn into the webbing.

b Has a retractor that stops the belt from being pulled out again once the belt webbing has been pulled out at least 24 in. (61 cm).
c Tightens by feeding the belt webbing back into the retractor.


## 6. Locking Latch Plate

a Has a latch plate that does not allow the belt to become loose after it is buckled.

b Tightens by pulling on the belt webbing.


## Incompatible Vehicle Seat Belts

$\square$
WARNING! The following types of vehicle seat belts are NOT compatible with this child seat. If any of the belt types listed below are in the chosen seating position, choose another vehicle seating position or check your vehicle owner's manual for information on installing a car seat in your vehicle.


## Vehicle Buckle Positions

!
WARNING! The position of the vehicle belt buckle can adversely affect the stability of the child seat.

If the buckle lies near the incorrect position $(X)$ when the vehicle belt is tightened, try fitting the child seat in another seating position in the vehicle. If it is not possible to achieve the correct position $(\mathcal{V})$ for the buckle, then another seating position MUST be used.


## Vehicle Seating Positions

$\square$WARNING! Some vehicles have no seating positions which are compatible with this child seat or any other child seat. If in doubt, contact the vehicle manufacturer for assistance. Forward-facing vehicle seats MUST be used with this child seat. Side-facing or rear-facing seats CANNOT be used. See diagram below.


## Harness Mode: Harness Height Adjustment

IMPORTANT: Make all adjustments for the fit of your child before using the child seat. Place the child seat on the floor and have your child sit in the seat. Follow the instructions on the following pages to make the proper adjustments to the harness, buckle, and head restraint.


1 Loosen the harness.
a Press release lever b Pull both harness straps forward

IMPORTANT: In harness mode, the harness height adjuster also adjusts the height for the head restraint. Always position the harness straps at or above your child's shoulders.


2 Lift and slide the harness height adjuster into the desired position, then release.

* Ensure the adjuster is seated securely between the notches.



## Booster Mode: Head Restraint Adjustment

AWARNING! Head restraint adjustment is for use in Booster Mode ONLY. DO NOT Use the head restraint adjuster when the harness is attached


1 Remove the locking screw from the head restraint adjuster and insert into the shell to store for later use.


2 Lift the head restraint adjuster release to move the head restraint.

IMPORTANT: The vehicle belt must be positioned at or above the child's shoulder through the shoulder belt guide.


## Adjusting Buckle Position

## Removing the Buckle

1 Unbuckle the harness by pressing the release button and pulling the tongues.

2 Locate the buckle retainer on the bottom of the child seat.
3 Slide the buckle retainer up or down to release it from the child seat shell.


4 Pull the buckle retainer away from the child seat to loosen.
5 Turn and push the buckle retainer through the slot in the child seat shell.

6 Pull the buckle retainer through the slots in the child seat shell and cover to the top of the child seat.


## Re-threading the Buckle

IMPORTANT: Select the slot closest to, but not under the child.
1 Turn and push the buckle retainer through the slot in the cover and child seat shell.

2 Pull the buckle retainer through the slots in the cover and child seat shell to the bottom of the child seat.

3 Slide the buckle retainer back into place to hold it against the child seat shell.

## Fastening the Buckle



Insert one tongue at a time into the buckle.

NOTE: Proper connection is confirmed with an audible click after inserting each buckle tongue.

Releasing the Buckle


Press the release button and pull the tongues from the buckle.

NOTE: Periodically clean the buckle to ensure proper operation. See Page 46.

## Using the Chest Clip



1 Squeeze to open


2 Push together to fasten NOTE: Always position the chest clip at armpit level.

## Using the Positioning Block

NOTE: Set the positioning block position BEFORE installing.
1 Unhook the Versa-Tether from the storage clip


2 Harness Position


3 Booster Position


Using Lower Anchors and Tethers for Children (LATCH)


The figure above shows typical locations for lower anchors and tether anchors in a vehicle. Check your vehicle owner's manual for the exact LATCH anchor locations and seating positions (if equipped), information on use with a child seat, and for the maximum weight rating for the LATCH anchors.
Standard vehicle seat spacing between LATCH anchors is 11 inches $(27.9 \mathrm{~cm})$. This child seat can be used in a seating position with up to 20 inches ( 50.8 cm ) of space between the LATCH anchors if the vehicle manufacturer allows.

## Using the LATCH Connectors

The LATCH connectors are located on the sides of the shell in the storage slots. Store the LATCH connectors when not in use.
To remove the LATCH connector from the storage slot or lower anchor:
1 Press and hold the red release button.


2 Pull the LATCH connector from the storage slot or lower anchor.


To attach the LATCH connector to the storage slot or lower anchor:

Firmly push the LATCH connector into the slot or lower anchor until a click is heard to store.

NOTE: The LATCH connectors store in the slots upside-down.


## Using the Versa-Tether

0 warninga!

- Attach the Versa-Tether only to tether anchors identified by your vehicle manufacturer as tether anchorage points.
- If your vehicle does not currently have a tether anchor attachment, refer to your vehicle owner's manual or contact your vehicle manufacturer for assistance. DO NOT modify your vehicle without advice from your vehicle manufacturer.

When using the child seat in harness mode:

- Britax recommends that the tether be used at all times when installing the child seat. Using the tether will improve the stability of your child seat and reduce the risk of injury.

Tether anchor locations vary from vehicle to vehicle. Check your vehicle owner's manual and look for the tether anchor symbol shown in the diagram to help identify where the top tether anchor point is located in your vehicle.


To remove the Versa-Tether from the storage clip:
1 Remove the webbing from the elastic strap and loosen the Versa-Tether.


2 Remove the Versa-Tether ${ }^{\circledR}$ hook from the storage clip.


To attach the Versa-Tether to the storage clip or a tether anchor:
1 Firmly press the hook over the storage clip or tether anchor point.

2 Always attach the hook over the anchor point.
IMPORTANT: Use the elastic strap to contain extra webbing. Always ensure any excess webbing is contained within your vehicle.


## General Information

## 4 <br> WARNING!

- Long belt path is only for use with a lap-shoulder belt. Never use the long belt path option with LATCH or a lap belt.
- Use only the vehicle's lap and shoulder belt system when restraining a child in booster mode. Never restrain a child with only a lap belt in booster mode..
- Install forward-facing only.
- DO NOT use anything to raise the child seat off of the vehicle seat.
- Refer to your vehicle owner's manual or contact the vehicle manufacturer for the maximum weight rating for the LATCH anchors in your vehicle. Use the vehicle belt (not LATCH connectors) for installations with children who weigh more than the vehicle LATCH anchor limit. Unless specified otherwise by the vehicle manufacturer, assume a $40 \mathrm{lb}(18.1 \mathrm{~kg})$ child is the vehicle LATCH anchor limit.


## Harness Mode

- The positioning block must be rotated to the front when installing the child seat in harness mode.
- Based on your vehicle's seat belt configuration, you may achieve a more secure installation using one of two approved lap-shoulder belt path options (long or short belt path). If the
 first installation method results in more than 1 in . ( 2.5 cm ) of front-to-back or side-to-side movement at the belt path, try the other option. See page 24 for information on selecting a belt path to install this child seat in your vehicle.
- Use this child seat in harness mode with children at least 2 years of age and $25-85 \mathrm{lbs}(11.3-38.6 \mathrm{~kg}$ ) who stand $30-57 \mathrm{in}$. (76.2144.8 cm ) in height. Britax recommends using harness mode to 85 lbs ( 38.6 kg ). See the Child Seat Fit Recommendations section on page 6 for information on when your child has outgrown harness mode.


## Booster Mode

- The positioning block must be rotated to the back when positioning the child seat in booster mode.
- This child seat can be used in booster mode with children who stand 42 - 65 in. (106.7-165.1 cm ) in height and weigh more than $40 \mathrm{lbs}(18.1 \mathrm{~kg})$. Britax
 recommends using harness mode to $85 \mathrm{lbs}(38.6 \mathrm{~kg})$.
- When positioning this child seat in booster mode use the vehicle's lap-shoulder belt to secure the child and child seat into the desired seating position.
- In booster mode, this child seat can be positioned on the vehicle
 seat using LATCH. Use the vehicle's lap-shoulder belt to secure the child. Ensure that the LATCH system does not interfere with the vehicle belt function and alignment when securing your child.


## LATCH - Short Path

## Before you begin:

## $\checkmark$ Check that your vehicle has LATCH anchors.

* Check your vehicle owner's manual for the vehicle's LATCH anchor limits.
$\checkmark$ Check that your vehicle has a top tether anchor.
* Britax recommends that the Versa-Tether is used at all times. Using the tether will improve the stability of the child seat and reduce the risk of injury. Check your vehicle owner's manual for tether anchor locations.
$\checkmark$ Remove the Versa-Tether ${ }^{\circledR}$ hook from the storage clip and place it over the child seat back to keep it from becoming pinned between the child seat and vehicle seat during installation.


Versa-Tether


Install with LATCH using only the short belt path as shown above.

1 Locate the LATCH anchors in your vehicle.

* Ensure harness height is adjusted to fit your child.

2 Rotate the positioning block to the front and place the child seat on the vehicle seat.
3 Verify that the LATCH strap is not twisted and firmly press the LATCH connectors onto their adjacent LATCH anchors to attach.

4 Push the child seat into the vehicle seat and pull the end of the LATCH strap through the belt slot to secure.

* The child seat is secure when it cannot be moved front-to-back or side-to-side more than 1 in . $(2.5 \mathrm{~cm})$ at the belt path. If the child seat is not secure, repeat the installation procedure or use a different seating location.


5 Firmly press the Versa-Tether ${ }^{\circledR}$ hook to the vehicle tether anchor to attach. Remove all slack from the tether webbing.
6 Use the elastic strap to contain extra webbing.


## Checklist

$\checkmark$ Check that positioning block is rotated to the front.
$\checkmark$ Check all connections and verify that child seat is secure.

* The child seat is secure when it cannot be moved front-toback or side-to-side more than 1 in . $(2.5 \mathrm{~cm})$ at the belt path. If the child seat is not secure, repeat the installation procedure or use a different seating location.
$\checkmark$ Ensure any excess Versa-Tether ${ }^{\circledR}$ webbing is stored in elastic band. Always ensure any excess webbing is contained within your vehicle.


## Lap-Shoulder Belt - Selecting a Belt Path

Due to variability in vehicle seat designs and belt systems, the Frontier 85 SICT child seat can be secured to the vehicle seat by a lap-shoulder belt with either a short belt path or a long belt path installation method.
The following may help with selecting which belt path to try first:


WARNING! Do not use the long belt path for LATCH or lap belt installations.

## A



A Rotate the positioning block to the front and place the child seat on the vehicle seat in the chosen seating position. Note the position of the vehicle buckle stalk relative to the child seat. If the buckle stalk is behind the child seat (i.e. the child seat is wider than the insertion points of the vehicle belt system), then the short belt path may be the best option to try first.


B If the buckle stalk is to the side of the child seat (i.e. the child seat is narrower than the insertion points of the vehicle belt system), then the long belt path may be the best option to try first.
If one installation method results in more than $1 \mathrm{in} .(2.5 \mathrm{~cm})$ of front-to-back or side-to-side movement at the belt path, then try the other method.

Both the short and long lap-shoulder belt path installation methods meet or exceed all Federal Motor Vehicle Safety Standards. Either of these options can be used based upon vehicle compatibility for children at least 2 years old and $25 \mathrm{lbs}(11.3 \mathrm{~kg})$ up to $85 \mathrm{lbs}(38.6$ kg ) in harness mode.

## Lap-Shoulder Belt - Short Path

## Before you begin:

$\checkmark$ Check that your vehicle has a seat belt that can be locked.

* Check your vehicle owner's manual to determine what type of vehicle belt you have and how it can be locked for use with child seats. If your vehicle belt does not lock, a locking clip must be used. Call Britax Consumer Services at 1(888)427-4829 to obtain a locking clip.
$\checkmark$ Check that your vehicle has a top tether anchor?
* Britax recommends that the Versa-Tether is used at all times. Using the tether will improve the stability of the child seat and reduce the risk of injury. Check your vehicle owner's manual for tether anchor locations.
$\checkmark$ Remove the Versa-Tether ${ }^{\circledR}$ hook from the storage clip and place it over the child seat back to keep it from becoming pinned between the child seat and vehicle seat during installation.


Short lap-shoulder belt path installation

1 Rotate the positioning block to the front and place the child seat on the vehicle seat.

* Ensure harness height is adjusted to fit your child.
2 Pull the vehicle belt out and route the belt through the first belt slot, under the cover and through the second belt slot.
3 Verify that the belt is not twisted and then buckle.
4 Push the child seat firmly into the vehicle seat while removing all slack from the lap part (a), then shoulder part (b) of the vehicle belt.
5 Manually feed the vehicle seat belt into the retractor.
6 Ensure that the shoulder belt rests behind the Side Impact Cushion and against the vehicle seat when installed.
* Ensure that the vehicle belt is locked as directed by your
 vehicle owner's manual.
* The child seat is secure when it cannot be moved front-to-back or side-to-side more than 1 in . $(2.5 \mathrm{~cm})$ at the belt path. If the child seat is not secure, repeat the installation procedure or use a different seating location.


7 Firmly press the Versa-Tether ${ }^{\text {® }}$ hook to the vehicle tether anchor to attach. Remove all slack from the tether webbing.
8 Use the elastic strap to contain extra webbing.


## Checklist

## $\checkmark$ Check that positioning block is rotated to the front.

$\checkmark$ Check all connections and verify that child seat is secure.

* The child seat is secure when it cannot be moved front-toback or side-to-side more than 1 in . $(2.5 \mathrm{~cm})$ at the belt path. If the child seat is not secure, repeat the installation procedure or use a different seating location.
$\checkmark$ Ensure any excess Versa-Tether ${ }^{\circledR}$ webbing is stored in elastic band. Always ensure any excess webbing is contained within your vehicle.


## Lap-Shoulder Belt - Long Path

?

## Before you begin:

$\checkmark$ Check that your vehicle has a seat belt that can be locked.

* Check your vehicle owner's manual to determine what type of vehicle belt you have and how it can be locked for use with child seats. If your vehicle belt does not lock, a locking clip must be used. Call Britax Consumer Services at 1(888)427-4829 to obtain a locking clip.
$\checkmark$ Check that your vehicle has a top tether anchor?
* Britax recommends that the Versa-Tether is used at all times. Using the tether will improve the stability of the child seat and reduce the risk of injury. Check your vehicle owner's manual for tether anchor locations.
$\checkmark$ Remove the Versa-Tether ${ }^{\circledR}$ hook from the storage clip and place it over the child seat back to keep it from becoming pinned between the child seat and vehicle seat during installation.


Long lap-shoulder belt path installation

1 Rotate the positioning block to the front and place the child seat on the vehicle seat.

* Ensure harness height is adjusted to fit your child.
2 Position the shoulder part of the vehicle belt behind the head restraint.


IMPORTANT: DO NOT route the vehicle belt under the cover or through the belt guide on the head restraint.

3 Route the lap and shoulder parts of the vehicle belt over the lap belt guide, through the belt slot, across the back of the
 child seat shell, then through the second belt slot.
4 Verify the vehicle belt is not twisted, then buckle.
5 Push the child seat firmly into the vehicle seat while removing all slack from the lap part (a), then from the shoulder part (b) of the vehicle belt.

* Ensure that the vehicle belt is locked as directed by your vehicle owners manual.
* The child seat is secure when it cannot be moved front-to-back or side-to-side more than 1 in . $(2.5 \mathrm{~cm})$ at the belt path. If the child seat is not secure, repeat
 the installation procedure or use a different seating location.
6 Firmly press the Versa-Tether® hook to the vehicle tether anchor to attach. Remove all slack from the tether webbing.
7 Use the elastic strap to contain extra webbing.


## Checklist

## $\checkmark$ Check that positioning block is rotated to the front.

$\checkmark$ Check all connections and verify that child seat is secure.

* The child seat is secure when it cannot be moved front-toback or side-to-side more than 1 in . $(2.5 \mathrm{~cm})$ at the belt path. If the child seat is not secure, repeat the installation procedure or use a different seating location.
$\checkmark$ Ensure any excess Versa-Tether ${ }^{\circledR}$ webbing is stored in elastic band. Always ensure any excess webbing is contained within your vehicle.


## Lap Belt - Short Path

## Before you begin:

$\checkmark$ Check that your vehicle has a seat belt that can be locked.

* Check your vehicle owner's manual to determine what type of vehicle belt you have and how it can be locked for use with child seats.
$\checkmark$ Check that your vehicle has a top tether anchor?
* Britax recommends that the Versa-Tether is used at all times. Using the tether will improve the stability of the child seat and reduce the risk of injury. Check your vehicle owner's manual for tether anchor locations.
$\checkmark$ Remove the Versa-Tether ${ }^{\circledR}$ hook from the storage clip and place it over the child seat back to keep it from becoming pinned between the child seat and vehicle seat during installation.


Install with the lap belt using only the short belt path as shown above.

1 Rotate the recline block to the front and place the child seat on the vehicle seat.

* Ensure harness height is adjusted to fit your child.
2 Pull the vehicle belt out and route the belt through the first belt slot, under the cover and through the second belt slot.
3 Verify that the belt is not twisted, then buckle.

4 Push the child seat firmly into the vehicle seat while removing all slack from the vehicle belt.

* Ensure that the vehicle belt is locked as directed by your vehicle owner's manual.
* The child seat is secure when it cannot be moved front-to-back or side-to-side more than 1 in . $(2.5 \mathrm{~cm})$ at the belt path. If the child seat is not secure, repeat the installation procedure or use a different seating location.

5 Firmly press the Versa-Tether hook to the vehicle tether anchor to attach. Remove all slack from the tether webbing
6 Use the elastic strap to contain extra webbing.


## Checklist

$\checkmark$ Check that positioning block is rotated to the front.
$\checkmark$ Check all connections and verify that child seat is secure.

* The child seat is secure when it cannot be moved front-toback or side-to-side more than 1 in . $(2.5 \mathrm{~cm})$ at the belt path. If the child seat is not secure, repeat the installation procedure or use a different seating location.
$\checkmark$ Ensure any excess Versa-Tether ${ }^{\circledR}$ webbing is stored in elastic band. Always ensure any excess webbing is contained within your vehicle.

This seat may only be used in booster mode with children who stand $42-65 \mathrm{in}$. (106.7-165.1 cm) in height and weigh more than $40 \mathrm{lbs}(18.1 \mathrm{~kg})$. Britax recommends booster mode only after the child outgrows harness mode.

## Harness to Booster Mode

## To remove the harness and buckle:

1 Loosen the harness.
a Press release lever
b Pull both harness straps forward


2 Remove the belt shield and unhook the harness straps from the yoke.


3 Replace the belt shield (a) then store the yoke in the slot (b).


4 Pull the harness straps out of the slots.

* DO NOT remove the HUGS ${ }^{\text {Tm }}$ chest pads or chest clip.


5 On the bottom of the seat, slide the retainer of one harness strap up and pull it away from the child seat shell.


6 Turn and slide the retainer through the slot to remove.

* Pull the harness webbing tight from the other side before pulling the retainer through. Repeat steps 5 and 6 for the remaining harness buckle strap.

7 Remove the locking screw from the head restraint adjuster and insert into the shell to store.
IMPORTANT: Store the screw in the slot provided in the shell. Store all parts of the harness in a safe place. These parts will be needed
 to convert the child seat back to harness mode.


## Booster to Harness Mode

## To replace the harness and buckle:

1 Move the harness adjuster to the highest position (a), then move the head restraint to the lowest position (b).

* Ensure that harness slots in the cover, head restraint and harness adjuster are aligned.
2 Replace the locking screw to lock the head restraint adjuster.

3 Turn and slide the retainer of the buckle strap through the buckle slot.

* Choose the slot that is closest to, but not under your child.

4 Slide the retainer back into place to hold it against the child seat shell. Verify that the strap is not twisted, and that the button faces out.


5 Turn and slide the retainer of each harness strap through the harness slot.

* Ensure that the icon on the chest clip faces out.
6 Slide each retainer back into place on the child seat shell.


7 Insert the harness straps through the slots in the cover, shell, and harness adjuster to the back of the child seat.


8 Remove the harness yoke from storage on the belt shield (a), then remove the belt shield (b).

9 Nest the harness straps by inserting the right strap loop into the left strap loop.


10 Before reattaching the harness straps, hold the harness yoke as shown, and ensure that the adjuster strap attached to the yoke is not twisted.

12 Replace the belt shield over the harness straps and yoke.


13 Pull the adjuster strap to tighten the harness.

* Pull the harness adjuster away from the child seat (parallel to the ground) to tighten. See page 39.


IMPORTANT: Check the harness straps and attachments before using the child seat.

## Checklist

$\checkmark$ Check that the harness straps are not twisted.
$\checkmark$ Ensure the chest clip and HUGS ${ }^{\text {TM }}$ chest pads face outward.
$\checkmark$ Check that the adjuster strap is not twisted.
$\checkmark$ Check that the harness yoke is in the proper orientation and that the harness straps are nested securely onto the yoke.

## WARNING!

- Position forward-facing only in a seating position with a lap-shoulder belt.
- Use only the vehicle's lap and shoulder belt system when securing a child in booster mode. Never secure a child with a lap belt only in booster mode.
- Always secure the unoccupied child seat.
- If the LATCH anchors in your vehicle prevent proper vehicle belt fit across your child you cannot use LATCH to position this seat in booster mode. See below.


The vehicle belt fits properly when the lap part sits low across the child's upper thighs (b) and the shoulder part lies across the center of the child's chest and does not contact the child's neck when routed through the upper belt guide (a).


## Using LATCH

## Before you begin:

$\checkmark$ Does your vehicle have a top tether anchor in the chosen seating position?
$\checkmark$ Does your vehicle have LATCH anchors in the chosen seating position? IMPORTANT: Use LATCH only to position this child seat to your vehicle seat. Secure your child using the vehicle's lap-shoulder belt system.

1 Detach the Versa-Tether ${ }^{\circledR}$ hook from the storage clip.
2 Ensure the positioning block is rotated to the back.


3 Place the child seat on the vehicle seat and connect the LATCH connectors to the vehicle LATCH anchors.

4 Push the child seat into the vehicle seat and pull the end of each LATCH strap through the belt slot to remove slack.

* Repeat as necessary. Store excess webbing behind cover.


5 Firmly press the Versa-Tether ${ }^{\circledR}$ hook to the vehicle tether anchor to attach. Remove all slack from the tether webbing.
6 Use the elastic strap to contain extra webbing.

* Always ensure any excess webbing is contained within your vehicle
7 Use the vehicle's lap-shoulder belt to secure your child.



## Lap-Shoulder Belt

1 Ensure that the positioning block is rotated to the back.


2 Place the child seat on the vehicle seat and use the vehicle's lap-shoulder belt to secure your child.


## Harness Mode

## WARNING!

- Never route the vehicle belt over the child when using this child seat in harness mode.
- Adjust the belts provided with this child seat so they fit snugly 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 flesh or push the child's body into an unnatural position.
- The HUGS ${ }^{\text {Tm }}$ chest pads must be used at all times.
- Adjust the harness to fit the clothes the child is wearing. Remove bulky coats and/or jackets before putting the child in the child seat.
- Verify that the child seat is secure and the harness is properly adjusted around the child each time the child seat is used.


## Pu Before you begin:

Always check the seat area for debris and remove it to prevent interference with the harness adjuster mechanism.

1 Loosen the harness.
a Press release lever
b Pull both harness straps forward


2 Open the chest clip.
a Press tabs
b Pull apart


3 Release the buckle and place the harness straps around the armrests.


## Booster Mode

## WARNING!

- Only use a lap-shoulder belt to secure the child in booster mode.
- Use the shoulder belt guides on the child seat to ensure proper fit.
- Ensure the lap part of the belt sits low across the child's hips and that the shoulder part does not contact the child's neck.


## Checklist

Before traveling, verify that the:
$\checkmark$ Vehicle belt is not twisted.
$\checkmark$ Buckle does not rest on red belt guide.
$\checkmark$ Shoulder part of vehicle belt is routed through upper belt guide at or above the child's shoulder, lies across the center of the child's chest and does not contact the child's neck.
$\checkmark$ Lap part of the vehicle belt is routed low across the child's upper thighs.

1 Place the child seat on the vehicle seat and have the child sit in the child seat.

2 Adjust the head restraint so the shoulder belt guides position the vehicle belt at or just above the child's shoulders. The child's ears should be below the top of the head restraint.


3 Pull the vehicle belt out and route the shoulder part of the vehicle belt through the upper belt guide.


4 Fasten the vehicle belt across the child.

* Lap part of the vehicle belt must be routed low across the child's upper thighs.


5 Remove slack from the vehicle belt.


## Cover Removal

## ! WARNING!

- Never remove the buckle tongues from the harness.
- DO NOT remove the HUGS ${ }^{\text {™ }}$ chest pads from the harness straps.
- Side Impact Cushions are permanent. DO NOT remove.

1 Loosen the harness.
a Press release lever
b Pull both harness straps forward


2 Unbuckle the harness, then move the harness adjuster to the highest position.


3 Remove the screw to unlock the head restraint adjuster and raise the head restraint to the highest position.

* Store the screw in the slot in the shell.


4 Detach the hook and loop fasteners on the head restraint cover from around the harness.


5 Unhook the elastic bands, then remove the cover from the head restraint.

* Be careful not to damage the energy-absorbing foam.


6 Unfasten the clips behind the armrests, then pull the cover from the lower belt guides.


7 Remove the belly pad from the harness buckle.
a Pull the buckle through the belly pad.
b Remove the elastic strap from around the buckle.

8 Remove the elastic loops from the hooks on the bottom of the child seat, then pull the lower part of the cover from the bottom of the child seat shell.


9 Pull the cover fabric from between the Side Impact Cushion and child seat shell.


10 Route the cover around the head restraint and remove the entire cover from the child seat shell.


## Cleaning the Cover

- HAND WASH the cover using cold water and mild soap.
- LINE DRY to prevent the cover from shrinking.
- DO NOT:
* Bleach
* Machine wash
* Machine dry
* Iron


## Cleaning the Harness

- SPONGE CLEAN the harness using warm water and mild soap.
- TOWEL DRY
- DO NOT:
* Disassemble the harness
* Bleach
* Machine wash
* Machine dry
* Iron


## Cleaning the Shell

- SPONGE CLEAN the shell using warm water and mild soap.
- TOWEL DRY
- DO NOT use abrasive cleaners


## Cleaning the Side Impact Cushions

- SPONGE CLEAN the cushion using warm water and mild soap.
- TOWEL DRY
- DO NOT use abrasive cleaners


WARNING: Prevent the Side Impact Cushions from being punctured. Puncture damage will cause the cushions not to perform as intended.

## Replacing the Cover

1 Fit the cover around the head restraint.

* Be careful not to damage the energy-absorbing foam.


2 Pull the cover fabric tight and slide it between the child seat shell and Side Impact Cushion.


3 Fit the bottom of the cover over the lower part of the child seat shell, then pull the elastic loops over the hook on the bottom of the child seat shell.

4 Push the cover under the lower belt guides.

5 Pull the head restraint cover over the head restraint shell, and reattach the elastic bands.

* Be careful not to damage the energy-absorbing foam.

6 Move the harness adjuster to the highest position (a), then move the head restraint to the lowest position (b).

* Ensure that harness slots in the cover, head restraint and harness adjuster are aligned.

7 Replace the screw to lock the head restraint adjuster.


8 Pull the buckle through the slot in the cover.

* Ensure that the buckle is through the correct cover slot for the buckle position.



9 Replace the belly pad.
a Pull the elastic strap around the buckle.
b Push the buckle through the belly pad.


10 Attach the hook and loop fasteners on the head restraint cover around the harness.


11 Reattach the clips behind the arm rests and slide the fabric under the lower belt guides.


## Cleaning the Buckle

If your child eats and drinks while in the child seat, you may need to check the buckle periodically and rinse out any accumulated debris or dried liquids.

## Buckle Removal

1 Locate the metal retainer on the bottom of the child seat, and slide the retainer up to release it from the child seat shell.


2 Turn and push the buckle retainer through the shell and cover to the top of the seat.

* Pull the belly pad over the buckle retainer to remove.



## To Clean:

- THOROUGHLY RINSE the buckle using warm water.
- TEST THE BUCKLE by fastening and unfastening until a positive click is heard after inserting each buckle tongue. If clicks are not heard, repeat the cleaning procedure.
- TOWEL DRY
- DO NOT:
* Soak
* Lubricate
* Use solvents
* Use soap or household detergents


## Buckle Replacement

1 Select the slot closest to, but not under the child.

2 Turn and push the buckle retainer through the slots in the cover and shell to the bottom of the child seat.


3 Pull the buckle away from the child seat until tight. Verify that the buckle retainer lies flat against the child seat shell.

* Ensure that the buckle strap is not twisted and that the button faces out.



## Energy-Absorbing Tether

The Versa-Tether can indicate when the child seat has been in a moderate or severe crash and replacement of the child seat is necessary.

Figure 1 shows the tether when the child seat is acceptable for continued use (provided the child seat has not been involved in a crash). The colored stitching will be intact and the webbing will be held under a tether label.

Figures 2 and 3 show examples of when the child seat is unacceptable for continued use. If the tether label is torn, or if one or both of the loops have pulled through the back side of the shell and/or any of the colored stitching has ripped, the child seat is no longer acceptable for use.

IMPORTANT: Discontinue use of child seat if it has been involved in a moderate or severe crash, regardless of whether the loops have pulled through the back side of the shell and the colored stitching has been ripped.


## Tips

TIP: If you're having difficulty attaining a tight installation in harness mode using the short belt route, try reclining the vehicle seat back during installation. Once the installation process is complete, return the vehicle seat back to the most upright position possible. See Figure A .


NOTE: This tip will only be helpful if your vehicle seat back is able to recline. See page 12 for important information on choosing a vehicle seating position. The back seat is the safest place for children 12 and under.

TIP: When installing the child seat using the short belt route (Figure B):

- Buckle the vehicle belt or attach the LATCH connectors to the vehicle anchors.
- Pull the vehicle buckle stalk or LATCH connectors into the belt slot to properly align it into the belt path.

- Tighten

TIP: When installing the child seat with the vehicle seat belt and the vehicle buckle stalk is too long:

- Consult your vehicle owner's manual to see if you can lower the vehicle buckle position by twisting the vehicle buckle stalk a maximum of three full rotations to shorten to appropriate length. See Figure
 C.
- Be sure the vehicle buckle release is facing outward after twisting.


## Troubleshooting

Problem: The harness is hard to adjust.
Possible Solution: Check that the harness slots in the head restraint and harness adjuster are properly aligned. Do not use the head restraint adjuster when the harness is attached.
Possible Solution: The yoke may be caught on a strap or other component of the child seat. Remove the obstruction and try adjusting the harness again.
Problem: The adjuster strap is fraying at the sides:
Possible Solution: Pull the harness adjuster strap away from the child seat (parallel to the ground) to tighten. Do not pull sideways. Doing so may cause the harness adjuster strap to fray at the sides. See page 39.
Problem: The buckle will not fasten with a click after each tongue is inserted.
Possible solution: There may be debris in the buckle mechanism.
Clean the buckle as shown on page 46 and try fastening the buckle again.
If you have misplaced your head restraint lock-out screw, you can purchase a replacement \#8 x $1 / 2$ " sheet metal screw at any hardware store.
Please contact Consumer Services at 1.888.427.4829 if you have an issue not listed here.

This child seat was manufactured by Britax Child Safety, Inc. Britax ${ }^{\circledR}$ warrants this product to the original retail purchaser as follows:

## 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. Your exclusive remedy for this warranty is that Britax will, at its option, provide repair or replacement components for this product. Britax reserves the right to discontinue or change fabrics, parts, models or products, or to make substitutions.
To make a claim under this warranty, you must contact Britax Consumer Services at 1-888-427-4829 or write to us using the address on the back cover of this booklet.

## PLEASE COMPLETE AND MAIL THE OWNER REGISTRATION

## CARD WITHIN (30) DAYS OF PURCHASE

You may also register online at www.BritaxUSA.com/registration.

## WARRANTY LIMITATIONS

This warranty does not include damages which arise from negligence, misuse or use not in accordance with the product instruction.
The use of non-Britax Child Safety, Inc. covers, inserts, toys, accessories, or tightening devices is not approved by Britax. Their use could cause this child seat to fail Federal Motor Vehicle Safety Standards or not perform as intended in a crash. Their use automatically voids the Britax warranty.

## LIMITATION OF DAMAGES

The warranty and remedies as set forth above are exclusive and in lieu of all others, oral or written, express or implied. In no event will Britax, or the retailer selling this product, be liable to you for any damages, including incidental or consequential damages, arising out of the use or inability to use this product.
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