



axkid

Instruction manual Duofix



Rear-facing 9-18 kg
installed with ISOfix

Forward facing 9-18 kg
with internal harness

Rear-facing 9-25 kg
installed with vehicle seat belt

Forward facing 15-25 kg
as a booster seat
using vehicle seat belt

Tested and approved according to

ECE R44 / 04

ISOfix size C/R3

Important information

Thank you for choosing an Axxkid child seat. Our team combined have over 30 years experience within child safety, and we have done our utmost to make the Duofix child seat as safe as possible. The Duofix child restraint is approved according to ECE R44/04, the latest European standards for child safety. To maximise your child's safety it is important that you keep the following in mind;

- Read this instruction manual carefully before installing the Duofix child restraint. If in doubt, contact your retailer who can demonstrate a correct installation. An incorrect installation could endanger your child.
- Do not use a child restraint in a seating position where an active airbag is fitted. If you still wish to install the Duofix in this location the airbag must be disconnected at an authorised service centre. Some vehicles may be equipped with a switch which allows you to manually switch the airbag off. It is important to always check if the vehicle's indicator light shows that the airbag is turned off.
- Use the Duofix child restraint in the rear-facing position for as long as possible. Extensive research has shown that the risk of serious injury or worse is five times greater for a young child when in a forward facing restraint.
- Always use the support leg when Duofix is installed rear-facing. The support leg is a very important safety feature designed to maximise your child's safety in an accident.
- Should you have an accident, no matter how small, your child restraint should be replaced. It may have damage that is undetectable and could seriously jeopardize your child's safety. For this reason Axxkid do not recommend purchasing second hand child restraints.



Read this instruction manual before installing the Duofix child restraint in your vehicle.

Contents

The Duofix child restraint is suitable for use from approximately six months of age, or from when your child can sit up unsupported, up until the age of six. This child restraint can be installed in four different ways depending on your child's age and size. A description of the Duofix's different parts can be found on next page. On the following pages you will find instructions on how to install your Duofix. Our Duofix child restraint is certified and approved for use;

Rear-facing 9-18 kg installed using ISOfix

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If your vehicle is equipped with ISOfix brackets and your child weighs between 9-18 kg (20-39 lb) Axkid recommends using this installation.

Rear-facing 9-25 kg installed with vehicle belt

11

If your vehicle is not equipped with ISOfix brackets you can still install Duofix using vehicle's lap-only or lap-diagonal seat belt and supplied tether straps.

Forward facing 9-18 kg using internal harness

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As a forward facing child restraint installed using the vehicle's lap-diagonal seat belt, where the child is restrained using the integral 5-point harness.

Forward facing 15-25kg as a booster seat

18

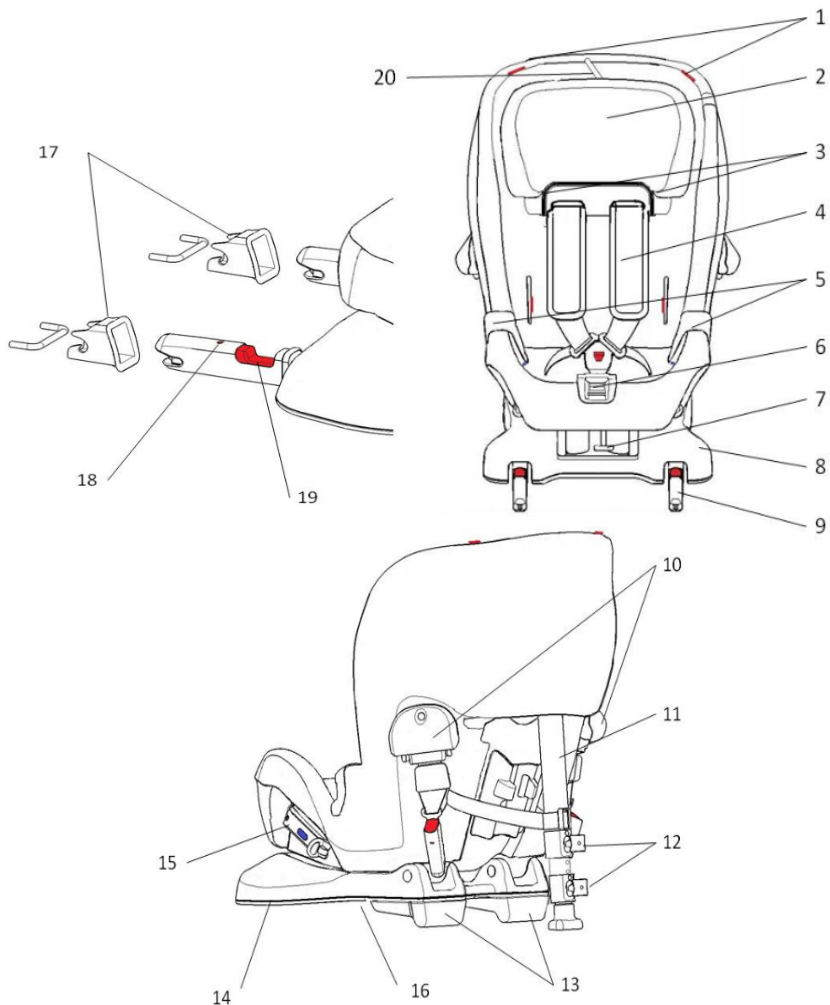
As booster seat, where both the restraint and the child are restrained using the vehicle's lap-diagonal belt.



Do not use the Duofix child restraint in seating locations that are not equipped with approved three-point seat belts (according to ECE Reg 16.)



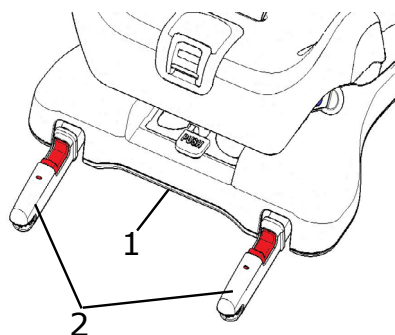
Use rear-facing installation for as long as possible.



- 1.Top seat belt guide for forward facing installation
- 2.Adjustable Headrest
- 3.Seat belt guide in headrest (for use forward facing as a booster seat)
- 4.Internal harness
- 5.Lower seat belt guide (for use forward facing as booster seat)
- 6.Harness adjustment button
- 7.Recline adjustment lever
- 8.Base
- 9.ISOFIX attachments

- 10.Upper tether/anchorage straps
- 11.Support leg
- 12.Adjustors for support leg
- 13.Heels
- 14.Adjustor for ISOfix
- 15.Lock-off
- 16.Pocket for storage of instruction manual
- 17.Guides for installation
- 18.Indicator
- 19.Release button
- 20.Parking brake neckrest

Installing Duofix rear-facing 9-18kg using ISOfix

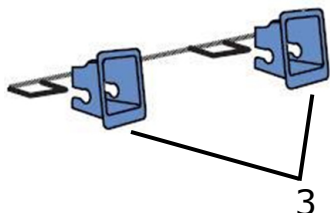


Important to remember

Do not use a child restraint in a seating position where an active airbag is fitted. If you still wish to install your Duofix in this location the airbag must be disconnected at an authorized service centre. Some vehicles may be equipped with a switch which allows you to manually switch the airbag off. It is important to always check if the vehicle's indicator light shows that the airbag is turned off.

Placing the child restraint

The easiest way to lift the Duofix into the vehicle is with its back first. To begin push and hold the adjuster for ISOfix(1). Now you should be able to unfold the ISOfix arms (2). Place the child restraint in the vehicle with the back of the restraint facing the front of the vehicle. When installing Duofix in the front seat it is possible, but not crucial, for the back of the restraint to have contact with the dashboard.



Attaching the ISOfix fittings

The ISOfix brackets are located in the bight of the back seat between the backrest and seat. The supplied ISOfix-guides (3) may assist you in locating these brackets, and they will also help protecting the vehicle's upholstery. Push the ISOfix fittings through the guides and clip them onto the brackets.

Continued on next page



Never install a child restraint in a passenger seat where an active airbag is fitted

Once there is an audible click and both indicators (4) are green they are properly secured. To remove the Duofix child restraint, hold both of the release buttons (5).

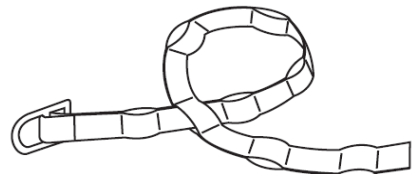
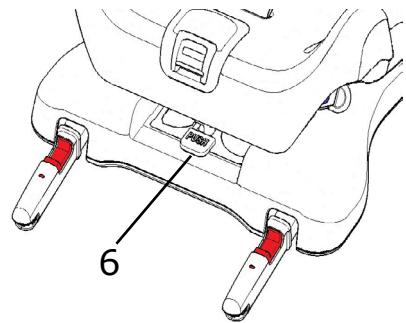
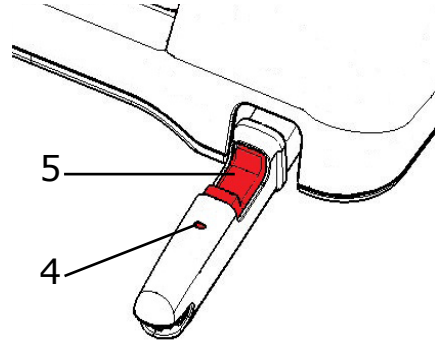
To adjust the angle of the child restraint, press the Recline Adjustment Lever (6) to select one of the three reclining positions. Always choose the most upright position as possible, however your child must be able to hold their head up on its own, and there should be enough recline to ensure your child's head does not fall forward when sleeping. The rule of thumb is that the older the child grows, the more upright the seat can be installed. Please note that once the installation of the Duofix is complete, it will be somewhat more reclined as it sinks into the vehicle's seat when tightening seat belts and tether straps.

Attaching the lower tether straps

Some vehicles may already be fitted with anchorage points at the base of the front seat rails.

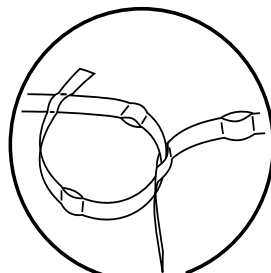
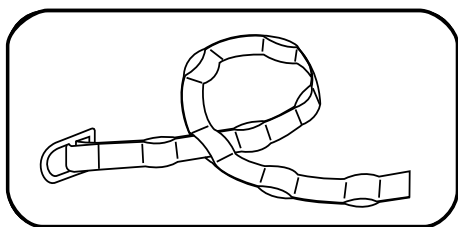
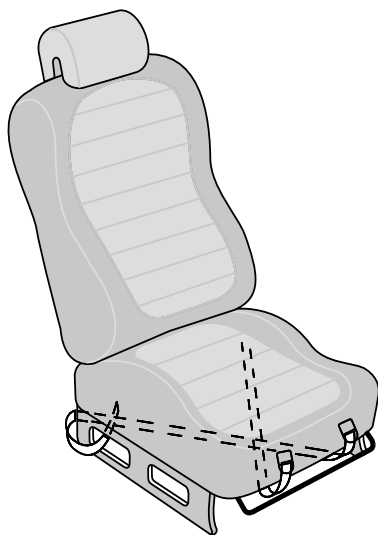
If your vehicle does not have these anchor points, the supplied lower tether straps must be used to create anchor points. For tips on how to install these tether straps please see the example on the next page.

The anchoring point needs to be as close to the floor as possible. In doing so you should always insert the buckle through the closest appropriate slot in the strap to create a slip knot and pull tight. This needs to be repeated on both sides to cre-

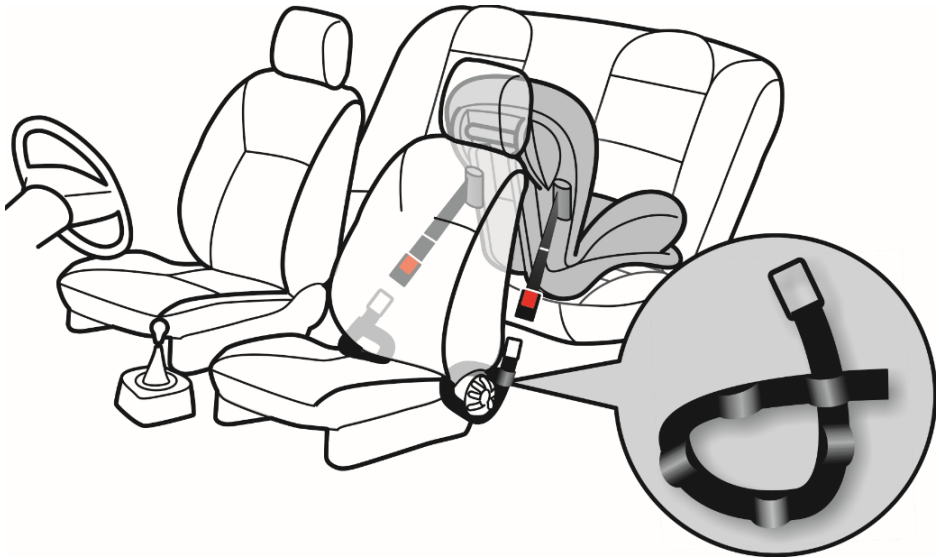
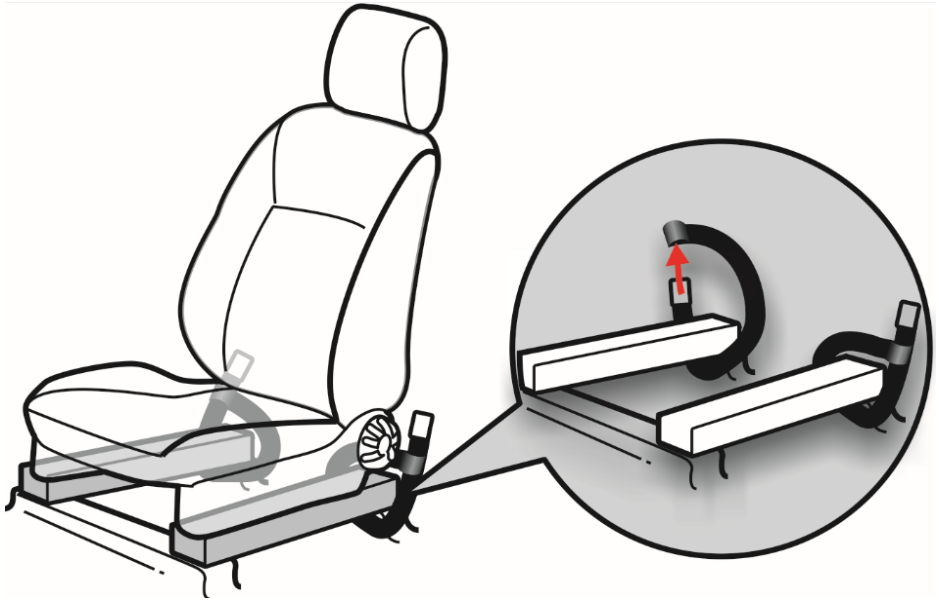


Lower tether straps

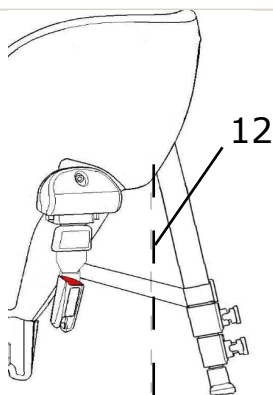
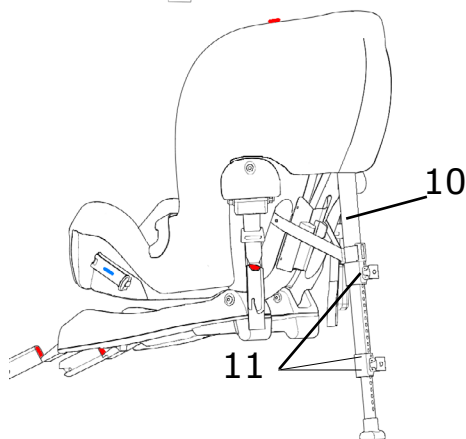
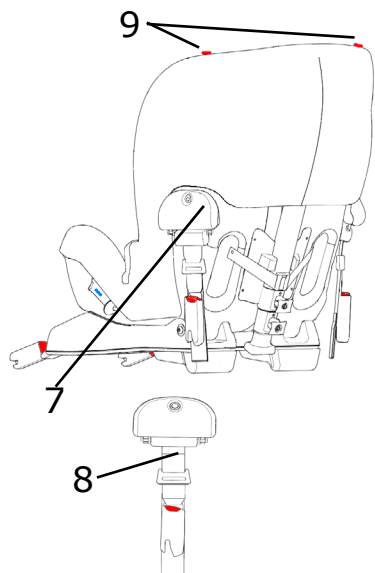
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ate two anchor points. When installing Duofix in the front passenger seat the tether straps must be attached to the front gliding tracks so the tether points will be located along the front edge of the passenger seat.

Pull out the upper anchorage strap from the belt housing (7) to an appropriate length. Check that the white marking on the strap (8) is visible. If not, you can try crossing the straps over to give them some extra length to enable the white marking to be visible. Clip the anchor attachment directly onto the anchorage point. Repeat on the other side. Press down hard on the on the red mark(9) on the top right side of the child restraint then repeat for the left side(9). When you do this its important that you really use your full body weight to press down and get the tether straps to really tighten hard. This will give the anchorage straps their first tightening.

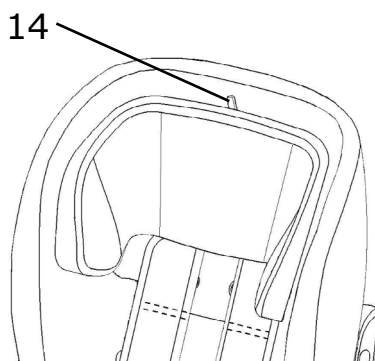
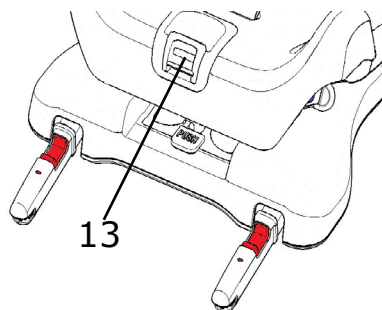
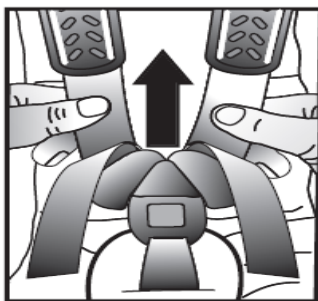
Unfold the support leg (10) out to its maximum angle. Pull out the top latch to release the upper part of the support leg (11) until it reaches the floor. If the support leg does not reach the floor, repeat with the lower latch (11). Its important that you check that the support leg is an angle over 80 degrees from the back of the seat. You could check this by ensuring that the support leg is further away from the seat then the vertical line(12). Press down on the child restraint from side to side again, the anchorage straps will be then be automatically tightened.

Continued on next page

If you have installed Duofix in the back seat you can now move the front seat to a comfortable position. The back of the child restraint can, but is not necessary, be in contact with the back of the front seat.

Adjusting the internal harness

Place your child in the car seat. Put your child's arms in between the shoulder straps so that the straps are hanging over the chest and stomach. Pull the shoulder straps together and insert the harness tongues into the crotch buckle. Push the harness up over the child's hip. Pull the harness adjustment strap (13). It's important that you always pull the harness straight and central. Otherwise you might have a that the adjustment strap gets stuck in the metall-lever(13). This action will tighten the harness and the headrest will automatically slide down to the appropriate height. To release the harness, press the harness adjustment button and pull both harness straps. Press the red button on crotch buckle to disengage buckle.



Parking brake on headrest

The headrest on your Duofix is equipped with a parking brake. To activate the parking brake, pull the harness until the headrest is at the desired height, you will hear a "click" sound from the headrest as it locks into position. Make sure that the headrest can not be pulled down. Activate the brake by moving the lever (14) on the headrest across to the right. Do not pull up the headrest with the parking brake activated.

Rearward facing fastened with seat belt

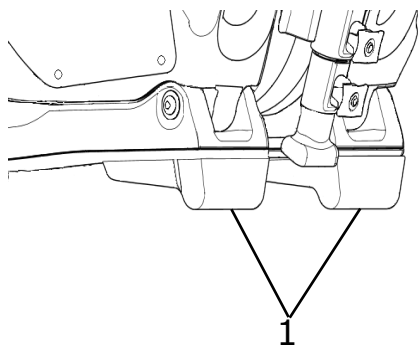


Important to remember

Do not use a child restraint in a seating position where an active airbag is fitted. If you still wish to install your Duofix in this location the airbag must be disconnected at an authorized service centre. Some vehicles may be equipped with a switch which allows you to manually switch the airbag off. It is important to always check if the vehicle's indicator light shows that the airbag is turned off.

Placing the child restraint

The easiest way to lift the Duofix into the vehicle is with its back first. Place the child restraint in the vehicle with the back of the restraint facing the front of the vehicle. The heels (1) should be sitting over the edge of the vehicle seat. The indented vertical line on the heel should align vertically with the end of the vehicle's seat.



If installing in a small vehicle, or if your child does not require extra leg room, you can instead place the heel upon the vehicle's seat this will also achieve a more reclined position. When installing Duo-fix in the front seat it is possible, but not crucial, for the back of the restraint to have contact with the dashboard.

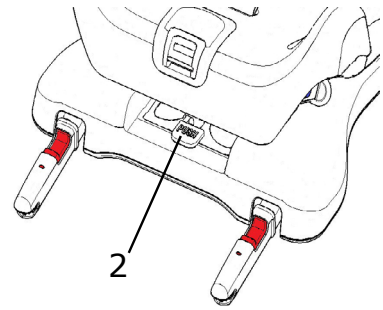
To adjust the angle, press the Recline

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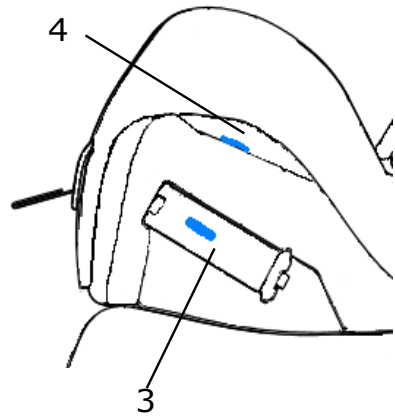
Never install a child restraint in a passenger seat where an active airbag is fitted

Adjustment Lever (2) to select one of the three reclining positions. Always choose the most upright angle as possible, but there should be enough recline to ensure your child's head does not fall forward when sleeping. The rule of thumb is that the older the child grows, the more upright the seat can be installed. Bear in mind that once the installation of the Duofix is complete, it will be somewhat more reclined as it sinks into the vehicle's seat from tightening seat belts and tether straps.



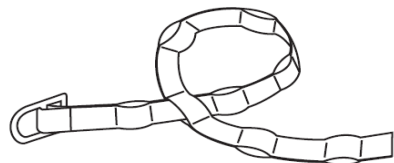
Fastening the vehicle seat belt

Open the lock-offs (3) on both sides of the Duofix child restraint. Fully lengthen the seat belt until the lap section of the belt is at least 70-80 cm (27-32 inches) long. Feed the seat belt between the seat cover and seat body through the seat belt slot (4) until the belt comes out through the opening on the other side. If you prefer, you can instead feed the seat belt over the top of the seat belt cover. Engage into the vehicle's seat belt buckle. Pull seat belt until all slack is removed along the seat belt route. Then secure both the lap and shoulder belt in the lock-off closest to the vehicle's seat belt buckle. In the lock-off on the opposite side, only the lap belt should be secured.



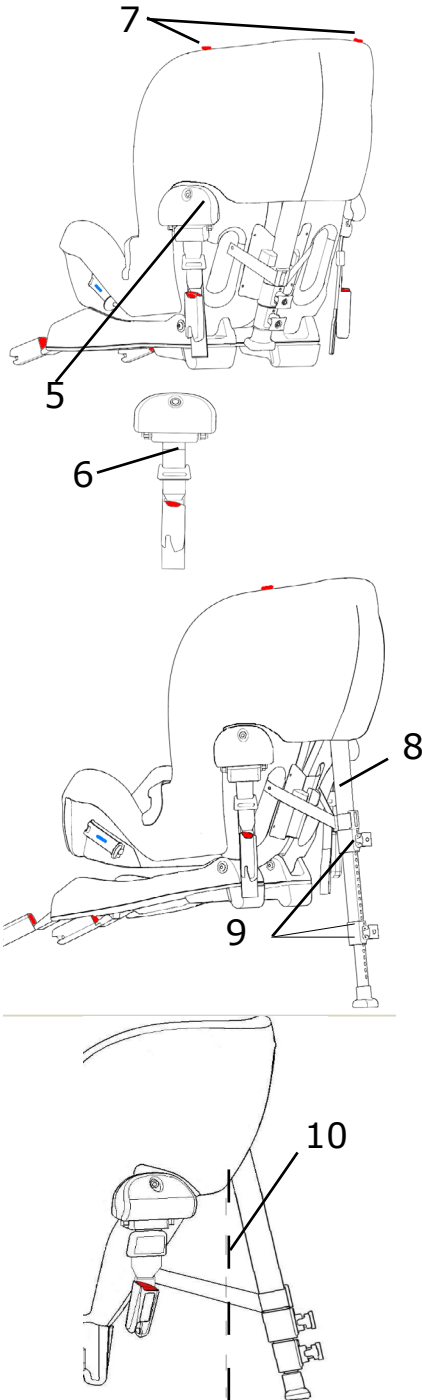
Attaching the lower tether straps

Some vehicles may already be fitted with anchor points at the base of the front seat rails, or, if installing in the front passenger seat, in front of that seat. If your vehicle does not have these anchor points, the supplied lower tether straps must be used to, see pages 7-8 for example. For installation in the back seat, feed the buckle end of the tether strap through either the rear of the front seat rails, or the hinge of the front seat. The



Lower tether straps

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anchoring point needs to be as close to the floor as possible. In doing so you should always insert the buckle through the closest appropriate slot in the strap to create a slip knot then pull tight. This needs to be repeated on both sides to create two anchor points. When installing Duo-fix in the front passenger seat the tether straps must be attached to the front gliding tracks so the tether points will be located along the front edge of the passenger seat.

Pull out the upper anchorage strap from the belt housing (5) to an appropriate length. Check that the white marking on the strap (6) is visible. If not, you can try crossing the straps over to give them some extra length to enable the white marking to be visible. Clip the anchor attachment directly onto the anchorage point. Repeat on the other side. Press down hard on the red mark (7) on the top right side of the child restraint then repeat for the left side (7). When you do this it's important that you really use your full body weight to press down and get the tether straps to really tighten hard. This will give the anchorage straps their first tightening.

Unfold the support leg out to its maximum angle. Pull out the top latch to release the upper part of the support leg (8) until it reaches the floor. If the support leg does not reach the floor, repeat with the lower latch (9). It's important that you check that the support leg is at an angle over 80 degrees from the back of the seat. You could check this by ensuring that the support leg is further away from the seat than the vertical line (10).

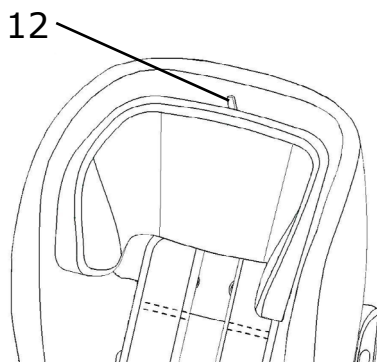
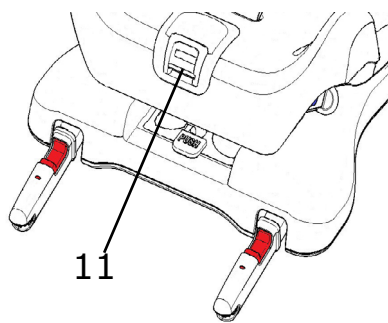
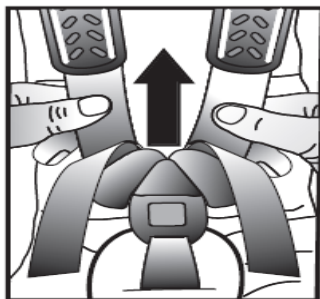
Press down on the child restraint from side to side again, the anchorage straps will be then be automatically tightened.

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If you have installed Duofix in the back seat you can now move the front seat to a comfortable position. The back of the child restraint can, but is not necessary, be in contact with the back of the front seat.

Adjusting the internal harness

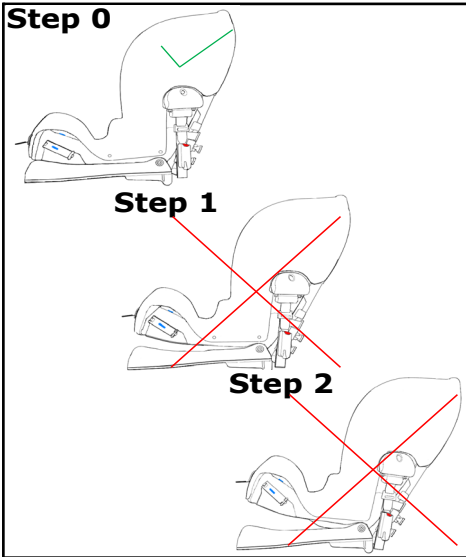
Place your child in the car seat. Put your child's arms in between the shoulder straps so that the straps are hanging over the chest and stomach. Pull the shoulder straps together and insert the harness tongues into the crotch buckle. Pull the harness adjustment strap (11). It's important that you always pull the harness straight and central when you tighten the adjustment strap. This will tighten the harness and the headrest will automatically slide down to the appropriate height. To release the harness, press the harness adjustment button and pull both harness straps. Press the red button on crotch buckle to disengage buckle.



Parking brake on headrest

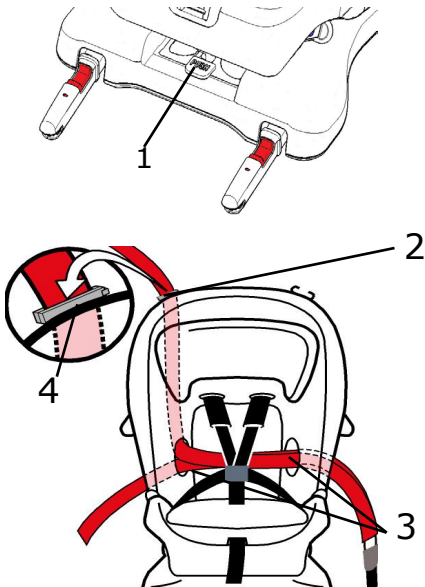
The headrest on your Duofix is equipped with a parking brake. To activate the parking brake, pull the harness until the headrest is at desired height, you will hear a "click" sound from the headrest as it locks into position then activate the brake by moving the lever (14) on the headrest across to the right. Do not pull up the headrest with the parking brake activated.

Forward facing 9-18 kg using internal harness



Fastening the vehicle seat belt

When installing the Duofix child restraint forward facing, it must be in its most upright position. If adjustment is needed, press the Recline adjustment lever (1) and adjust restraint until completely upright. Place the child restraint on the vehicle's seat. Fully lengthen the vehicle's seat belt and insert the upper part of the diagonal belt through the top seat belt guide (2) located at the top side of the Duofix. Then feed the seat belt behind the child restraint vertically down to the closest seat belt slot in the seat back (3). (The lap section of the seat belt is simultaneously guided into the same slot). Continue feeding the seatbelt across the front of the Duofix and then back through the seat belt slot on the far side (3). Pull both lap and diagonal belts horizontally to the side of the restraint and then down to the vehicle seat belt buckle to secure. Tighten the seat belt as much as possible to remove all slack, using your own weight to push down on the Duofix to automatically tighten the seat belt further. Fasten the locking clip (4) on the seat belt just above the top seat belt guide. Ensure there are no



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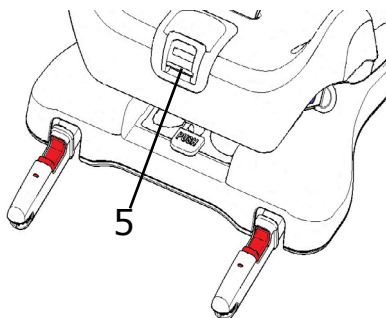


Never install a child restraint in a seating position where an active airbag is fitted

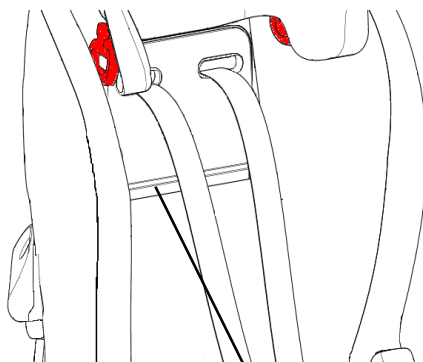
twists in the seat belt. Also check that both shoulder and lap belts are securely fastened in all places.

Adjusting the internal harness

Place your child in the car seat. Put your child's arms in between the shoulder straps so that the straps are hanging over the chest and stomach. Pull the shoulder straps together and insert the harness tongues into the crotch buckle. Pull the harness adjustment strap (5). This will tighten the harness and the headrest will automatically slide down to the appropriate height. The headrest must always be pulled down at least 35 millimetres. This can be checked by ensuring the indented horizontal line in the headrest is sitting behind the seat cover. (See picture A).



Picture A



This line should be hidden by the seat cover after adjusting harness

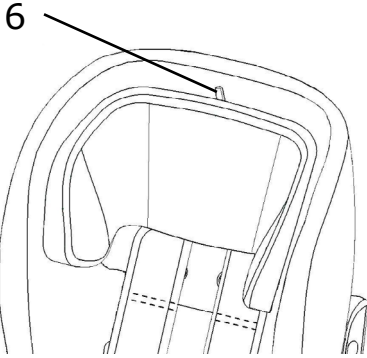
Ensure the headrest is in the locked position by pulling the harness adjustment strap again – in the locked position the headrest should not move down when you pull the strap. If it is not possible to get the headrest into a locked position, Duofix should instead be used as a booster seat. (See page 18-19).

To release the harness, push the harness adjustment button and pull both harness straps, holding just under the harness pads. Press the red button on the crotch buckle to disengage.

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Never install a child restraint in a passenger seat where an active airbag is fitted

**Parking brake on headrest**

The headrest on your Duofix is equipped with a parking brake. To activate the parking brake, pull the harness until the headrest is at desired height, you will hear a “click” sound from the headrest as it locks into position then activate the brake by moving the lever (14) on the headrest across to the right. Do not pull up the headrest with the parking brake activated.

Forward facing as a booster seat 15-25kg

Important to remember

Do not use a child restraint in a seating position where an active airbag is fitted. If you still wish to install Duofix in this location the airbag must be disconnected at an authorized service centre. Some vehicles may be equipped with a switch which allows you to manually switch the airbag off.

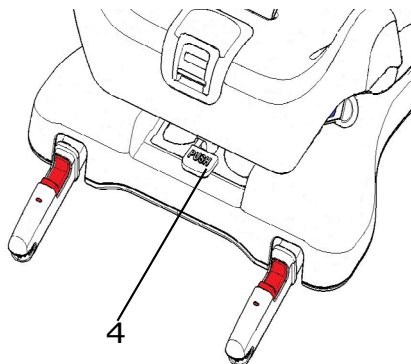
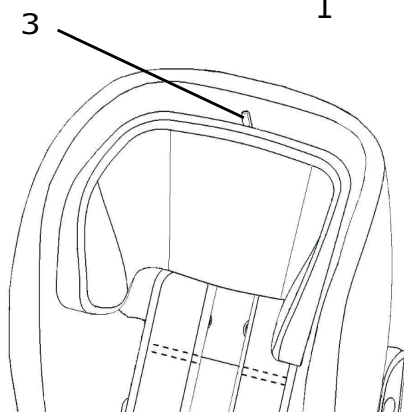
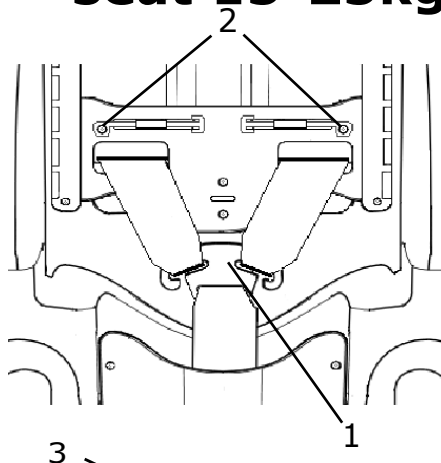
Removing the harness

When using the Duofix child restraint as a booster seat the internal harness must first be removed.

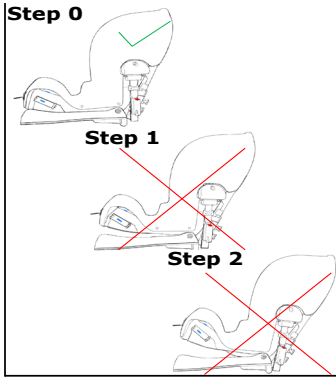
You must first remove the seat's own belt. Loosen the shoulder straps from the T-bar (1) on the back of the seat and pull the seat belt in the seat. After this, loosen beltcluffs on the back (2). This is done by removing the two screws (2) and remove the cuffs.

IMPORTANT! You have to tighten the screws in the console after this is done.

After this, you can roll up the left and right belt and hide under the cover. After taking out of the harness, drag down the headrest to a height that suits your child. After you do this, you lock the headrest with the headrest brake (3) that sits on top of the headrest in just the right height so that the belt hits the child's breastbone.



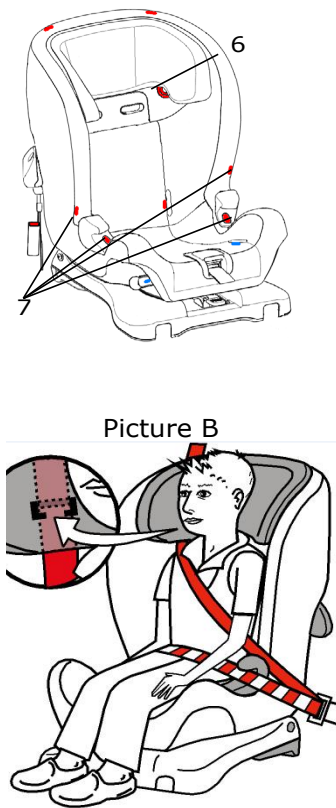
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Ensure the child restraint is in its most upright position. If adjustment is needed, press the Recline adjustment lever (4) and push on restraint until completely upright. Now your Duofix is ready to be used as a booster seat.

Installation in vehicle

Place the Duofix child restraint onto the vehicle seat, then place your child into the restraint. Guide the diagonal part of the seat belt through the red seat belt guide located in the headrest(6) just above your child's shoulders. Proceed to guide the seat belt over the lower seat belt guides marked in red (6) just above the seat's armrests. You may need to move the restraint slightly sideways to allow the seat belt to comfortably fit in the seat belt guides. Feed the lap section of the seat belt through the lower belt guides marked in red underneath the armrests (7) and engage into the vehicle's seat belt buckle. The seat belt must not be twisted or tangled in any way, and must be tensioned firmly. Picture B describes the routing of the seat belt.



Before using your Duofix child restraint ensure all steps in this instruction manual have been followed and that the restraint has been correctly installed.

Warranty and handling

If the seat cover needs replacing ensure only original products from Axon Kids are used. If other products are used the Duofix's safety system may be compromised and could lead to severe injury or death in case of an accident.

The seat cover can be removed and washed in a washing machine at 30° C on the "Gentle Cycle" programme. Do not put the cover in a dryer as this can damage the cover and the padding may separate from the fabric. On www.axkid.com you could find videos explaining how to deattach and attach the clothing.

Any plastic parts of Duofix can be cleaned with mild detergent and water. Do not use aggressive chemicals containing solvents etc, as this can cause damage to the plastic and compromise the safety of the child restraint.

All materials used in the Duofix child restraint are recyclable and should be recycled as per your local legislation. Ask your local recycling centre for advice when recycling this product.

Do not make any modifications or alterations to the Duofix child restraint other than those described in this instruction manual. Follow the instructions in this manual carefully. Any repairs must be carried out by the manufacturer or agent.

The Duofix child restraint is covered by a 12 month warranty from date of purchase. Ensure you save your receipt and bring it to your place of purchase should you have any warranty issues. The warranty does not cover:

- * Normal wear and tear
- * Damage due to incorrect use, neglect or accident
- * If repairs have been carried out by a third party

All materials used have a very high UV-resistance rating. However, UV-light is very aggressive and will ultimately lead to fading of the seat cover. This is not covered by our warranty as it is considered normal wear and tear.

Never leave your child unattended in the car.

Ensure any luggage or loose objects are secured in your vehicle as they may cause injuries to passengers in the event of a collision.

Store this instruction manual in the assigned pocket underneath the child restraint.