

user manual

IPA1 **LGT**



Table of contents

1	GENERAL INFORMATION	4
1.1	Foreword	4
1.2	Intended use and indication	5
1.3	Notes	5
1.4	Warranty conditions	5
1.5	Service and repairs	6
1.6	User training	6
1.7	Declaration of conformity	6
1.8	Approval/compatibility with commercially available child seats	6
1.9	Contraindications	6
2	SAFETY & INSTALLATION IN MOTOR VEHICLES	7
2.1	Safety instructions	7
2.2	Get to know the IPAI-LGT	8
2.3	Installation in the car – with ISOFIX	9
2.4	Adjusting the headrest	11
2.5	Fasten the seat belts	12
3	HANDLING THE BASIC MODEL	14
3.1	Adjusting the 5-point harness	14
3.2	Adjusting the chest pads	14
3.3	Adjusting the seat angle	15
4	USING THE OPTIONAL ACCESSORIES	17
4.1	Abduction wedge	17

Table of contents

4.2	Seat depth adapter	19
4.3	Support and safety pads	21
5	WARRANTY	22
6	LABELING	23
7	MAINTENANCE & CARE	24
8	TECHNICAL DATA	25
9	MATERIAL LIST	26

1 General information

1 General information

1.1 Foreword

You have chosen the "IPAI-LGT" child car seat and are now the owner of a high-quality product from our company. We would like to thank you for the trust you have placed in us. We are providing you with this manual so that you can enjoy this product for a long time and it can help make your everyday life easier. It shows you how to use the product correctly and easily and how to care for and maintain it. To avoid damage due to operating errors and to ensure optimal use, please read the following instructions and notes carefully. If you have any further questions or problems, please contact your dealer. We wish you trouble-free use and hope that our products meet your expectations.

We reserve the right to make technical changes to the model described in this operating manual.

Before installing the device in your car and using it for the first time, please read and follow the installation instructions on pages 9-13.

Please ensure that the operating instructions remain with the product so that they are available to every user.

Yours sincerely, HERNIK GmbH

1 General information

1.2 Intended use and indication

The IPAI-LGT was developed for the transport of children with special needs (GMFCS 3-5; e.g., pronounced muscular hypotonia with lack of head and trunk control) in motor vehicles. Children with poor head and trunk control (e.g., cerebral palsy, muscular dystrophy, hypotonia, motor development disorder) can be supported in the correct position in the seat by the 5-point harness, padding, and thorax pads included in the basic equipment, ensuring safe transport.

Important optional accessories can be used to address specific issues, e.g., the installation of a stable abduction wedge, thoracic pads, seat depth adapters, or support and safety pads. For more information, see the chapter "4 ."

1.3 Notes

The IPAI-LGT rehab child car seat consists of two modules:

1. A standard Kidfix child car seat from Römer-Britax (please refer to the manufacturer's instructions for use).
2. An adjustment module with accessories that allows the car seat to be equipped according to individual needs. Please refer to the HERNIK GmbH instructions for use.

1.4 Warranty conditions

A warranty can only be provided if the product is used under the specified conditions and for the intended purposes. The manufacturer is not liable for damage caused by components and spare parts that have not been approved by the manufacturer.

1 General information

1.5 Service and repairs

Service and repairs on the IPAI-LGT may only be carried out by specialist dealers. If you encounter any problems, please contact your local specialist dealer. Only original spare parts will be used for repairs.

1.6 Training in use

The car seat is delivered fully assembled. Upon delivery, the specialist dealer will instruct the user in the use of the device with the aid of the instruction manual. The specialist dealer should install the car seat in the car together with the user and ensure that the Isofix adapter is correctly positioned. When installing the car seat, it is best to hold it with one hand at the front center and the other at the top side. In order to achieve the optimal seating position, it is necessary to adjust the car seat individually to the child's circumstances. This should always be done by the specialist dealer.

1.7 Declaration of conformity

HERNIK GmbH declares under its sole responsibility that the "IPAI-LGT" child car seat complies with the essential requirements (Annex 1 of Directive 93/42 EEC). The product is marked with the CE mark in accordance with the above-mentioned directive.

1.8 Approval/compatibility with regard to combination with commercially available child seats

The IPAI-LGT, including all accessories, is an approved child car seat in accordance with ECE R129/03. Individual parts and accessories of the IPAI-LGT are not approved for use in combination with other commercially available child car seats. Any modification could invalidate the approval of the IPAI-LGT as well as that of the commercially available child car seat.

1.9 Contraindications

There are no known contraindications.

2 Safety & installation in the vehicle

2 Safety & installation in the vehicle

2.1 Safety

- Before use, the components must be checked to ensure that they are in perfect working order and condition.
- The instructions for use must always be carried with the child car seat.
- Your child's safety can only be guaranteed if the seat is installed correctly and the child is securely fastened in.

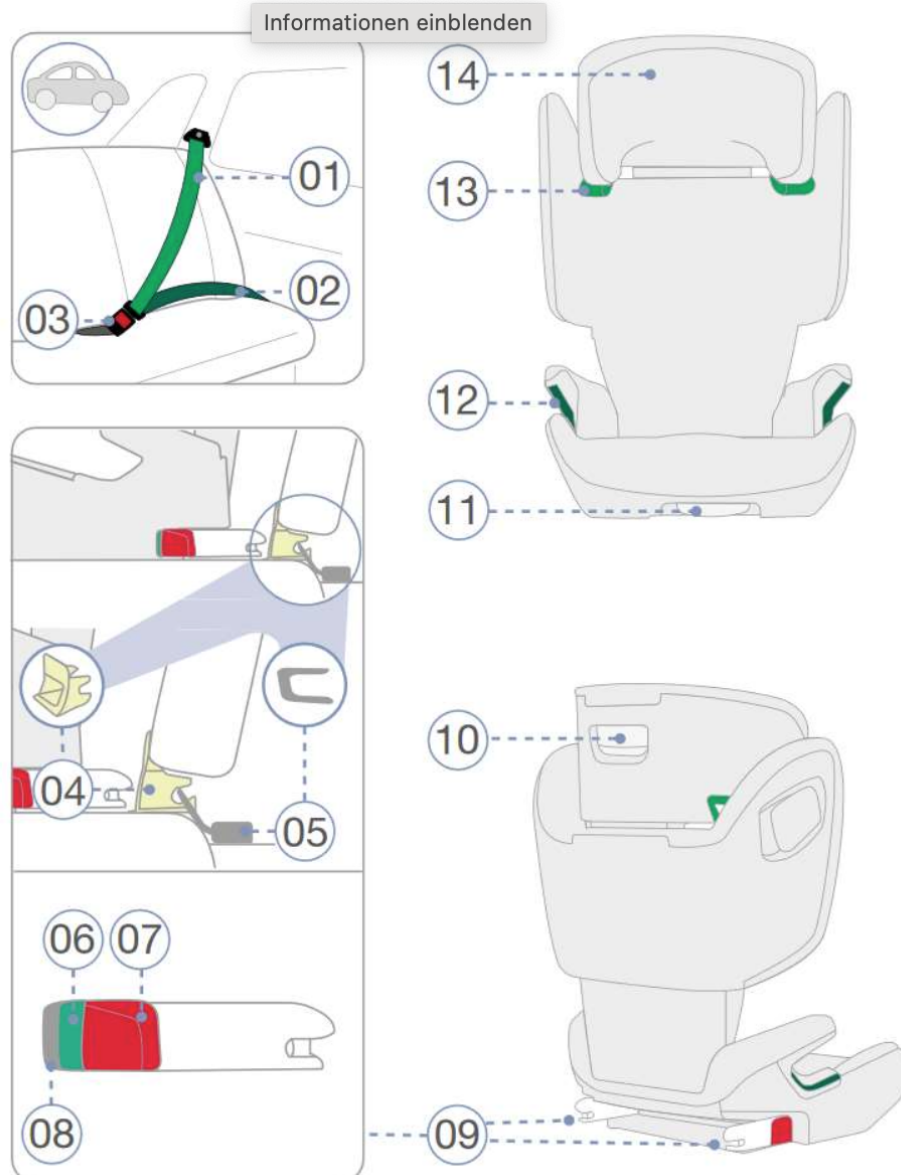
Please check:

- A) that the lap belt is seated in the left and right dark green belt guides.
 - B) whether the diagonal belt is seated in the dark green belt guide on both sides.
 - C) that the diagonal belt is in the light green belt guide.
 - D) that the seat belt is tight and not twisted.
 - E) that the child is properly secured.
 - F) that no clothing is caught in the seat belt.
-
- Make sure that there are no solid objects such as pens, belt buckles, etc. between the child and the belt. This could cause injuries in the event of an accident.
 - Explain to your child how important it is to be properly secured and that the position of the belts must not be changed. They should not pull on the belts or open the belt buckles.
 - Do not make any changes to the car seat, as this could endanger your child's safety.
 - The car seat must not be damaged by moving parts in the car or by doors.
 - Never leave your child alone in the child seat.
 - Inform your passengers how to remove your child from the seat after an accident.
 - After an accident, the entire child car seat must be replaced.

2 Safety & installation in the vehicle

2.2 Get to know the IPAI-LGT

- | | |
|--------------------------------|-----------------------------|
| 01 Diagonal belt | 08 Locking button |
| 02 Lap belt | 09 ISOFIX locking arms |
| 03 Seat belt lock | 10 Adjustment button |
| 04 Insertion aid | 11 ISOFIX adjustment button |
| 05 ISOFIX installation bracket | 12 Dark-green belt guide |
| 06 Green area | 13 Light-green belt holder |
| 07 Red release button | 14 Headrest |



2Safety & installation in the vehicle

2.3 Installation in the car – with ISOFIX

The IPAI-LGT is permanently installed in your car using the ISOFIX locking arms (09). Your child is then secured using the vehicle's 3-point seat belt.

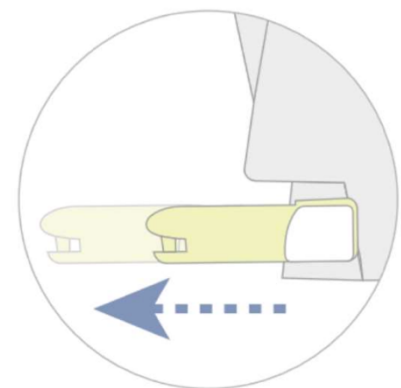
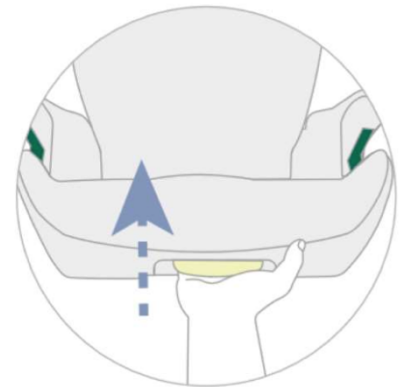
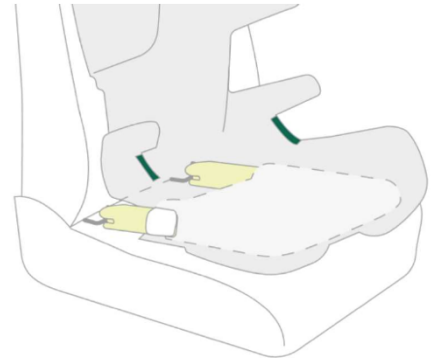
1. If your vehicle is not equipped with ISOFIX attachment points as standard, clip the two attachment points (04) included with the seat onto the two ISOFIX mounting brackets (05) in your vehicle with the recess facing upwards.

TIP! The ISOFIX attachment points are located between the seat and the backrest of the vehicle seat.

2. Move the headrest of the vehicle seat to its highest position.
3. Press and hold the ISOFIX adjustment button (11) and slide the ISOFIX locking arms (09) all the way out.

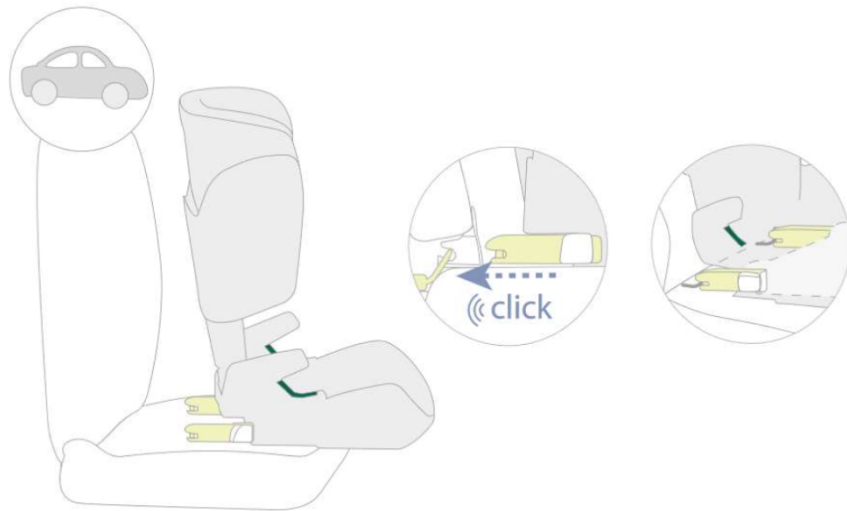
Note! If your seat is equipped with a seat depth adapter, extend the adapter to reach the adjustment button (see pages 18 and 19 for more information).

4. Press the locking button (08) and the red release button (07) on both sides of the seat against each other. This ensures that both hooks on the ISOFIX locking arms (09) are open and ready for use.
5. Place the child seat in the direction of travel on an approved vehicle seat. Make sure that the backrest is flat against the backrest of the vehicle seat.

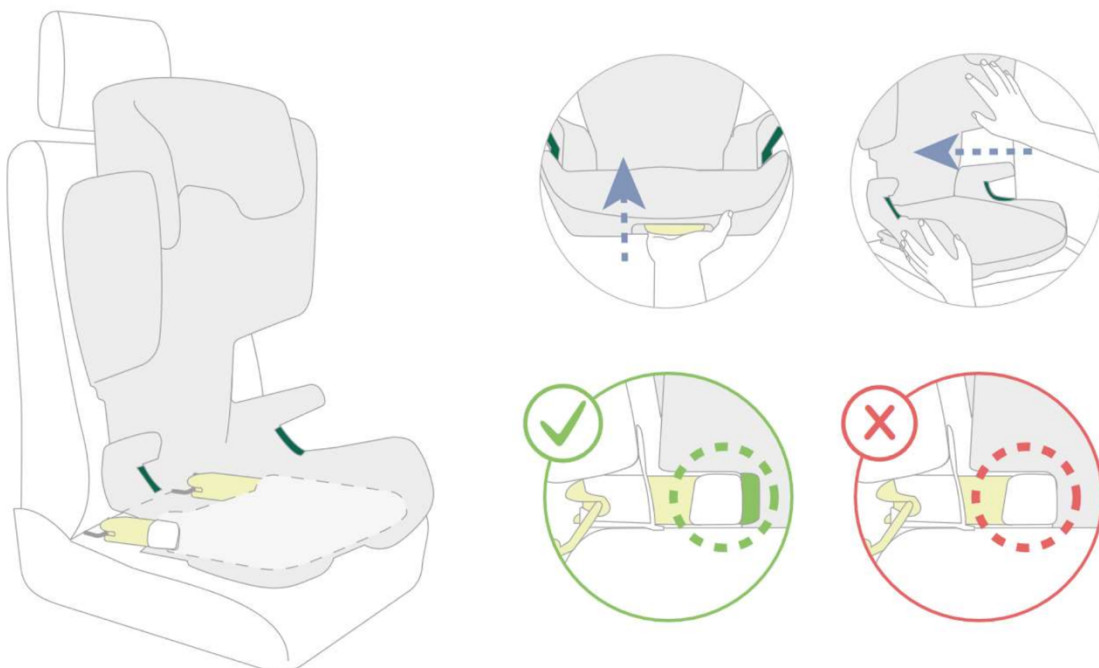


2Safety & installation in the vehicle

6. Push both ISOFIX locking arms (09) into the insertion aids (04) until the ISOFIX locking arms (09) on both sides click into place.



7. Hold down the ISOFIX adjustment button (11) and slide the child seat back as far as possible.
8. Shake the child seat to ensure that it is securely fastened and check that the green area (06) is visible on both locking arms.

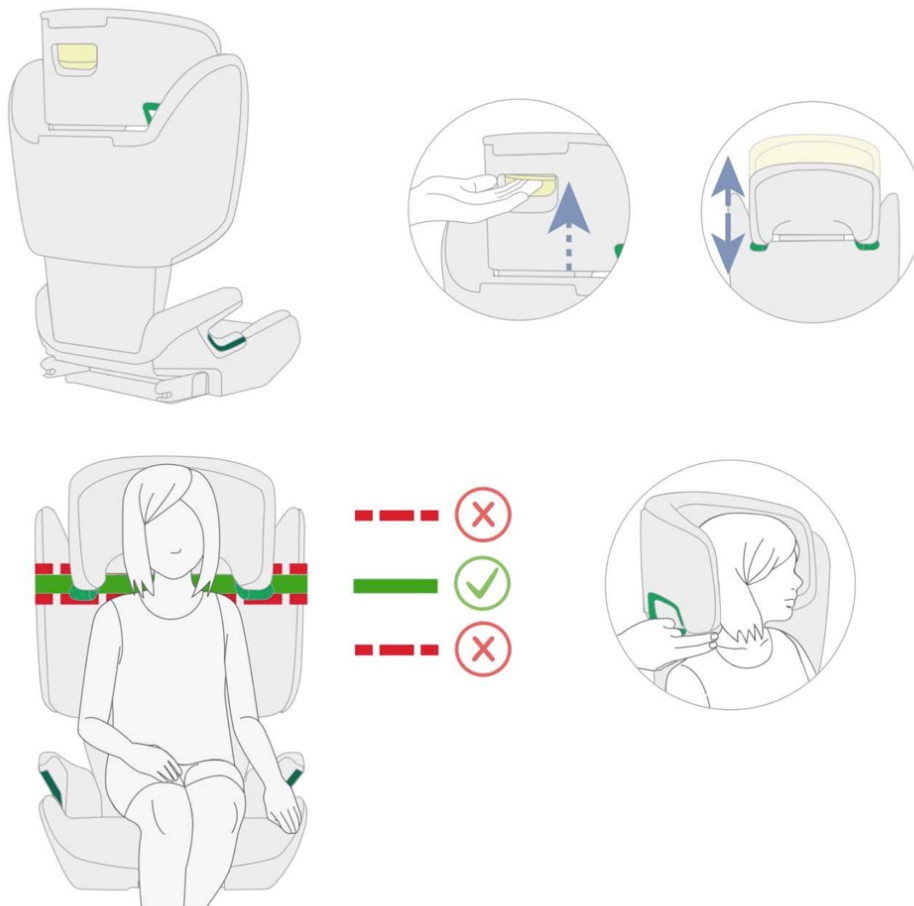


2Safety & installation in the vehicle

2.4 Adjusting the headrest

A correctly adjusted head restraint (14) ensures that the vehicle diagonal belt (01) is positioned optimally and offers your child maximum protection. The head restraint (14) must be adjusted so that there is still room for two fingers between your child's shoulders and the head restraint (14).

1. Grasp the adjustment knob (10) on the back of the headrest (14) and pull it upward. The headrest is now unlocked.
2. You can now slide the unlocked head restraint (14) to the desired height. As soon as you release the adjustment knob (10), the head restraint (14) will lock into place.
3. Place the child seat on the vehicle seat.
4. Let your child sit in the child seat and check the height. Repeat this process until the headrest (14) is at the correct height.



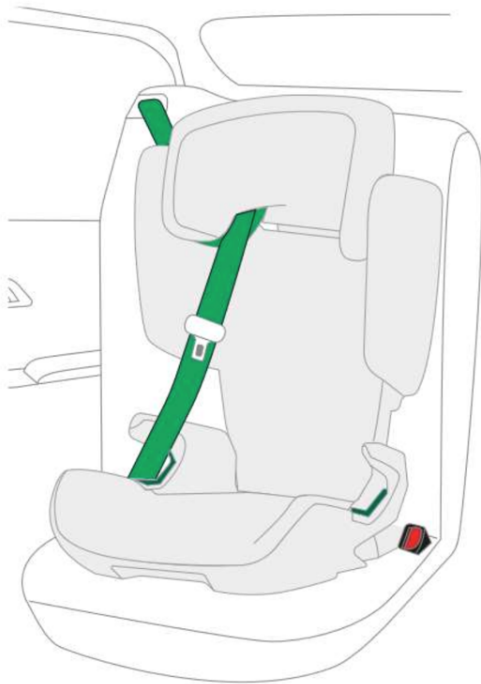
2 Safety & installation in the vehicle

2.5 Fasten the belts

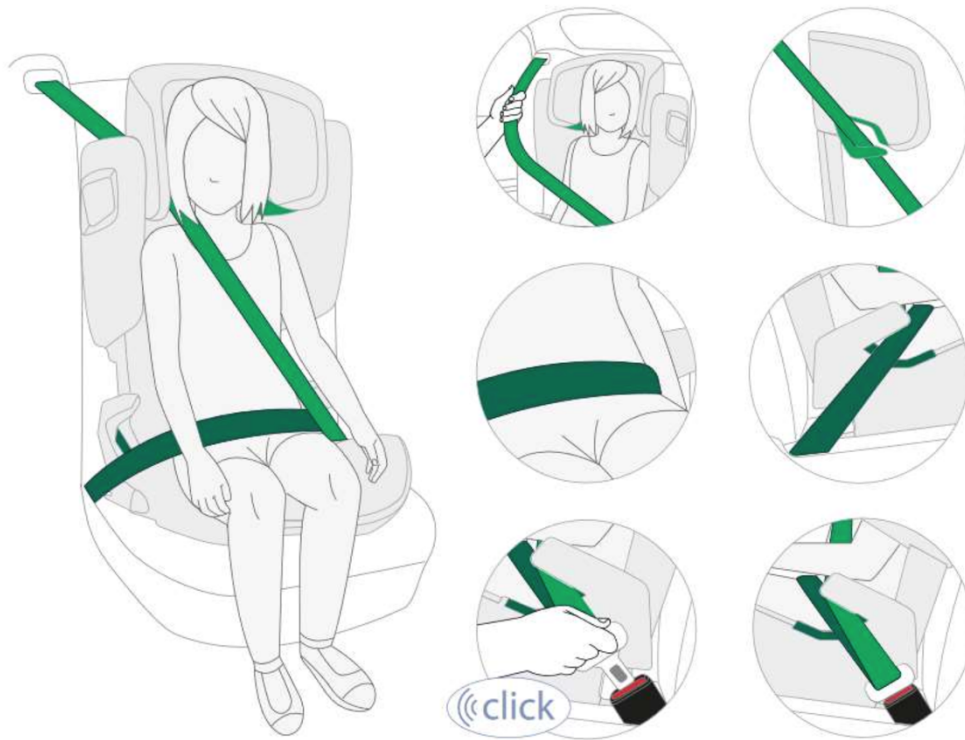
1. Pull out the vehicle seat belt (01) and guide it in front of your child through the light green belt holder (13) to the belt buckle (3).

CAUTION! Make sure that the vehicle belt is not twisted, as otherwise the restraint system will not provide full protection.

2. Place the diagonal belt (01) and the lap belt (02) in the dark green belt guide (12) of the car seat.



2 Safety & installation in the vehicle



3. Click the belt buckle into the vehicle's buckle (03).

CAUTION! The lap belt (02) must run as low as possible over your child's hips on both sides.

TIP! If the backrest covers the belt holder (13), you can adjust the headrest (14) upwards. The diagonal belt (01) can now be easily inserted. Now adjust the headrest (14) back to the correct height. Make sure that the button on the belt holder (13) is completely closed.

Make sure that the diagonal belt (01) runs over your child's collarbone and not against their neck.

TIP! You can also adjust the height of the headrest (14) in the vehicle.

CAUTION! The diagonal belt (1) must run diagonally to the rear. You can adjust the position of the belt using the adjustable belt guide in your vehicle.

CAUTION! The diagonal belt (1) must never lead to the belt guide on the vehicle. If this is the case, only use the child seat in the back seat.

3 Handling the basic model

3 Handling the basic model

3.1 Adjusting the 5-point harness

First, lengthen the belts by pressing the gray button on the belt adjuster (1) and pulling on the belts at the same time. Now place the belts over the child's shoulders.

Then insert the two metal tabs into the buckle (3) until they click into place. Then tighten the harness system by pulling on the left and right ends of the harness (2) until a stable seating position is achieved.

If you want to remove the child from the child seat, first loosen the belt by pressing the gray button on the belt adjusters (1) and pulling on the belts. The belt buckle (3) can then be opened by pressing firmly on the red round button.



3.2 Adjusting the chest pads

The IPAI-LGT is equipped with a pair of anatomically shaped thoracic pads (4) as standard. These can support children with poor upper body control in their posture.

Loosen the thoracic pads by pulling gently until the Velcro fastener is released. Since the inside of the side back guide is covered with Velcro elements, you can now find a suitable position completely freely by reattaching it with the Velcro fastener.



3 Handling the basic model

3.3 Adjusting the seat angle

If the IPAI-LGT has been installed in the vehicle using ISOFIX, the seat unit can be pulled forward by extending the ISOFIX locking arms (2). As the backrest and seat elements are equipped with a movable joint, this opens up the back angle. Your child will immediately be in a relaxed position.

To do this, press the gray adjustment knob (1) on the front of the seat and pull the seat unit forward. The back angle opens. Any intermediate positions can be selected for a smaller angle.

If your child wants to adopt a more active sitting position later, e.g. after sleeping, you can push the seat unit back in the same way, making the back angle steeper.



3 Handling the basic model



4 Using the optional accessories

4 Using the optional accessories

4.1 Abduction wedge

Installation instructions:

1. Place the IPAI-LGT on a stable work surface.
2. Now remove the mounting plate (1), the four Velcro strips (2), and the abduction block (3) from the packaging.
3. First, remove the white protective film from the four Velcro strips. Make sure that the underside of the car seat is clean—it must be free of dust and moisture. Now attach the Velcro strips to the underside of the seat (see markings in Figure 1).
4. Now hook in the mounting plate (see Figure 2). The U-profile (4) must be placed on the plastic edge (5). The mounting plate must be placed flat on the underside of the seat section, with the Velcro strips forming a connection.
5. Turn the IPAI-LGT over again. Now the abduction block (3) can be inserted into the holder and secured with the rocker lever.

TIP! If the abduction block is not in use, the mounting plate should be removed. Otherwise, there is a risk of injury from protruding metal parts.



Abb. 1



Abb. 3



Abb. 2

4 Using the optional accessories

Adjusting the abduction block

The depth of the abduction block can be adjusted.

1. Loosen the 2 screws (1) on the underside of the seat with an Allen key (see Figure 1).
2. The bracket (2) can now be moved to the desired position and secured.
3. Place the abduction block (3) in the holder and secure it with the rocker lever (4).



Abb. 1



4 Using the optional accessories

4.2 Seat depth adapter

1. Place the IPAI-LGT on a stable work surface.
2. Now remove the mounting plate (1), the four Velcro strips (2), and the seat depth adapter from the packaging.
3. First, remove the white protective film from the four Velcro strips. Make sure that the underside of the car seat is clean—it must be free of dust and moisture. Now attach the Velcro strips to the underside of the seat (see marking in Figure 1).
4. Now hook in the mounting plate (see Figure 2). The U-profile (4) must be placed on the plastic edge (5).
5. Turn the IPAI-LGT over again. The seat depth adapter (3) can now be inserted into the bracket (see Figure 3).



Abb. 1

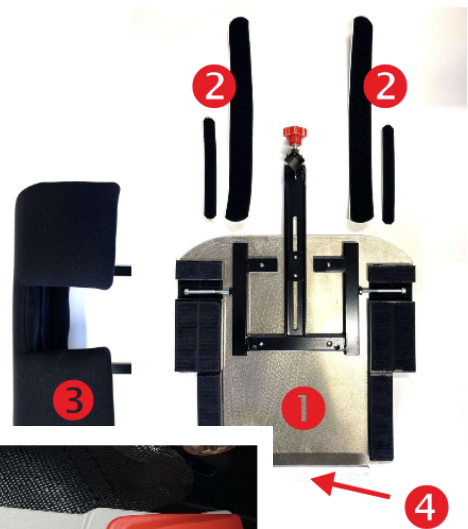


Abb. 3

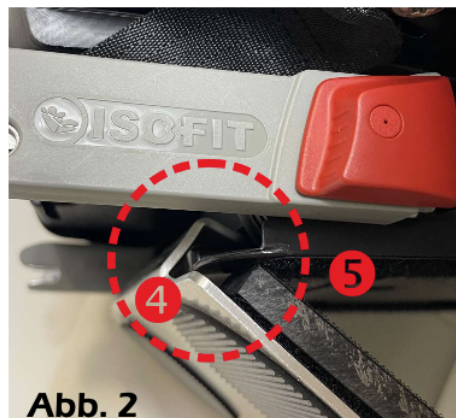


Abb. 2

4 Using the optional accessories

Adjusting the seat depth adapter:

The seat depth adapter can be adjusted to the desired seat depth.

1. Loosen the two screws (1) on both sides of the car seat with an Allen key.
2. The seat depth adapter (3) can now be moved to the desired position.
3. Tighten the two screws (1) again.



4 Using the optional accessories

4.3 Support and safety pads

Installation instructions:

1. When you receive the car seat, ask to be shown how to install the support and safety cushion.
2. Place the support and safety cushion (1) on the car seat after you have placed your child in the seat and fastened the seat belt.
3. Secure the cushion to the back of the car seat using the Velcro straps (2) provided.
4. Your child's arms should rest on the table, resulting in an upright sitting position. This supports the upper body.
5. Be sure to avoid the danger of toys that may be on the cushion. Do not use hard, solid, or sharp objects.



5Warranty

5 Warranty

HERNIK products are state-of-the-art and manufactured to strict quality standards. In the unlikely event that you have cause for complaint, HERNIK GmbH guarantees the following in accordance with its general terms and conditions, after delivery

- 24 months on all fixed components
- 12 months on all moving parts

No warranty can be given for custom-made products, unless this is due to manufacturing or material defects. In this case, replacement of the defective product is granted for 12 months.

Claims under this warranty are subject to the device having been used properly in accordance with the instructions for use.

The warranty claim shall lapse in the event of design changes, reworking, or improper repairs without prior consultation with HERNIK GmbH.

Further claims, regardless of their legal basis, in particular for compensation for direct or indirect damage, are excluded.

6Labeling

6 Labeling



**Rückhalteeinrichtung für spezielle
Anforderungen "S" (DE)**

Lesen Sie bitte vor Gebrauch die
Bedienungsanleitung!

7 Maintenance & care

7 Maintenance & care

General care and maintenance instructions

To ensure the full protective effect of the child seat:

- In the event of an accident with an impact speed of more than 10 km/h, the child seat may be damaged without the damage being immediately apparent. In this case, the child seat must be replaced. Please dispose of it properly.
- Check all important parts regularly for damage. Make sure that all mechanical components in particular are working properly.
- To avoid damage, make sure that the child seat is not trapped between hard objects (car door, seat rails, etc.).
- Always have the child seat checked if it has been damaged (e.g., if it has fallen on the floor).
- Never lubricate or oil any parts of the child seat.
- In order for it to protect your child properly, it is essential that you install and use the IPALGT exactly as described in this user manual.

8 Technical data

8 Technical data

	IPAI-LGT
SITZBREITE (Becken)	31 cm
SITZBREITE (Knie)	42 cm
SITZTIEFE	32 cm
RÜCKENHÖHE	41- 54 cm
SCHEITELHÖHE	59 - 74 cm
Höhe Thoraxpelotten	20 - 33 cm
Abstand Thoraxpelotten	14 - 28 cm
Rückenwinkel	85° - 120°
Gesamthöhe	68 - 88 cm
Gesamtbreite	44 cm
Gesamttiefe	42 cm
Gewicht	7,0 kg
getestete Belastbarkeit	36 kg

Standard equipment:

- 5-point harness with padding, height-adjustable
- ISOFIX adapter, adjustable
- Headrest, height-adjustable
- SICT side impact protection
- Three-piece, removable, and breathable cover (washable at 30°C)
- Side bolsters, height-adjustable

9Material list

9 Material list

The following materials are used:

- Plastic (seat unit and cover, substructure)
- Steel (accessories)
- Aluminum (thorax pads)
- Polyester (webbing)
- Foam-backed mesh fabric, anthracite (cover)
- Foam density

notes

notes



HERNIK GmbH
Gewerbering 8
83543 Rott am Inn • Germany

☎ +49 8039-9093930 • 📠 +49 8039-90939319
✉ info@hernik.de • 🌐 www.hernik.de