

Geck®

Manual for shopping trolleys



Table of contents	02/03
1 Warranty Conditions	04
2 Safety	05
2.1 DIN 1929-1 ; GS mark	05
2.2 Use	05
2.3 Safety relevant training of personnel	05
2.4 Areas of use	05
2.5 Safety notes	06
2.6 Warning notes	07
3 Description	08
3.1 The shopping trolley	08
3.2 Assembly, disassembly, replacing of parts	09
3.3 Replacing the castors	09/10
3.4 Replacing the handles	10
3.5 Replacing the lock	11
3.6 Replacing the bumper	12
3.7 Replacing the child seat	13
3.8 Replacing the flap stoppers	13
4 Putting into use	14
4.1 Notes – Putting into use	14
4.2 Providing the shopping trolley for use	14
5 Operation	15
5.1 Shopping trolley with child seat	15
5.2.1 Shopping trolley with baby seat/ babysafe	15/16
5.2.2 Shopping trolley with babysafe holder	16
5.3 Shopping trolley on moving pavement/ramp	16
6 Maintenance	17
6.1 Cleaning	17
6.2 Inspecting the shopping trolley	17
6.3 Checks	17
6.4 Inspection of the shopping trolley suitable for use on personnel moving pavement/ramps	18

7	Shopping trolley – Checklist	18/19
8	Disposal of shopping trolley	20
9	Copyright	20
10	Returns	21-23
	Geck Intensive Trolley Cleaner	24
1.	Characteristic	25
2.	Particular advantages	25
3.	Approach parameters	25
4.	Application recommendations	26
5.	Safety regulations	26
6.	Guarantee	26
7.	Order information	27
8.	Order form	28/29
	Notes	30
	Service addresses	31

1 Warranty Conditions

Each shopping and transportation trolley will be reviewed by the company J.D. Geck GmbH with high diligence before delivery and subject to final inspection. If there is a reason for complaint in spite of everything, our approach is as follows.

If not otherwise contractually agreed, the warranty period starts with the date of delivery and expires at the end of 24 months.

The defects observed have to be reported to the company J.D. Geck GmbH within 14 days of inspection, with the help of your completed return form.

The warranty covers defects which are verifiable due to improper materials or workmanship faults.

The costs occurred by fault correction, as well as related transport and installation costs, are covered by the company J.D. Geck GmbH. Further claims are excluded.

Faulty parts, which get replaced, have to be returned into the property of the company J.D. Geck GmbH. For the newly inserted parts a new 24-month warranty is granted. However, these repairs do not let restart the warranty period for the entire product.

Any repairs or services have to be executed by the company J.D. Geck GmbH or by authorised specialists. In case of inobservance to comply the complete warranty cannot be assumed.

In case of inobservance to follow the product instructions, inappropriate or improper use, faulty installation (by third parties) or damage caused by a foreign plot, no claim for warranty exists.

2 Safety



Before using read this manual through very carefully!

2.1 DIN 1929-1 ; GS mark

Our shopping trolleys are manufactured according to the specifications of the standard DIN 1929-1. During the production these specifications strictly get observed in all our models. You can therefore be assured that our shopping trolleys at any time comply with the requirements of DIN 1929-1 and comply at all times the same standard.

Please note!

Our GS marks shall apply to the TÜV (Technical Inspection Agency) approved shopping trolleys whose standard is defined for each GS mark. If a shopping trolley deviates from the standard due to modifications, the certification expires and must be re-applied with costs.

2.2 Use

- Geck shopping trolleys are determined solely for the transportation of shopping in self-service markets.

2.3 Safety relevant training of personnel

- Your staff must be available to end customers to advise and assist them in the handling of shopping trolleys. For this reason, train your personnel if, for example,
- Safety belts are not used for the baby seat
- Trolley baskets are overloaded with drinks crates
- Goods are transported on the seat
- Customers are riding the moving pavement/ramp with trolleys that are unsuitable
- Children are hanging on the side of the shopping trolley
- The trolley (basket) is used for the transportation of a child
- Trolleys are not used according to purpose

2.4 Areas of use

- Geck shopping trolleys are designed for use indoors in self-service stores and in the customer car parks attached to such.
- The use of Geck shopping trolleys on moving pavements/ramps is only permitted with specially designed Geck shopping trolleys for moving pavements/ramps.
The regulations of professional unions must be observed along with local construction and safety regulations and the regulations of health and supervisory authorities.
- Geck shopping trolleys are only suitable for use on flat surfaces.

2.5 Safety notes

- A sign (corresponding to Figure 1) must be permanently and visibly installed close to the entrance of the moving pavement/ramp. This pictogram in white on a green background should be at least 80 mm x 80 mm and carry the following instruction: "Always hold the handle firmly".



Figure 1

- Examples for additional signs in the market, which are to be installed by the market itself:



- Ensure that babies and small children are only transported under supervision in the seats or special transportation aids.
- Move lines of trolleys at a walking pace using two people, one at the head and one at the tail of the line.
- Regularly check a mounted baby seat or baby safe surface for loose screw connections or broken brackets.
- Regularly check the functionality and safety of the trolleys and document these checks (checklist).
- Only use original Geck replacement parts.
- In the event of subsequent modifications to the trolley (e.g. by the addition of accessories), the liability of Geck GmbH expires. An exception: Conversion by a specialist authorised by Geck.
- When distributing road salt, avoid direct contact of the salt with the shopping trolley in order to prevent salt corrosion.
- Do not use damaged or defective shopping trolleys. Have these repaired if necessary.
- Only use Geck shopping trolleys according to their intended purpose.
- Prevent risks and risk of injury to people.
- Park shopping trolleys outdoors only in the intended parking boxes, since exposed parking violates hygiene regulations.

① Observe the manuals and instructions of the conveyor system for transporting on the conveyor system.

2.6 Warning notes

Warning: Against contamination of the basket by carried children or animals.

Consequence: Contamination and introduction of germs due to dirt in the basket.

- ! Ensure that, for hygienic reasons, neither children nor animals are transported in the basket.

Warning: Shopping trolley rolling away.

Consequence: Damage to objects, for example, parking cars, risk of injury to people, in particular, small children in the child seat (baby seat).

- ! Make sure that shopping trolley is always held firmly when in use.

Warning: Positioning of shopping on the child seat when a child is sitting in the seat

Consequence: Crushing, injury or strangulation of the child.

- ! Ensure that the child seat is used for a child or for shopping.

Warning: Against improper use of the shopping trolley.

Consequence: The shopping trolley may tip, damage objects or injure persons.

- ! Ensure that the shopping trolley is only used correctly.
- ! Ensure that the shopping trolley is not used on escalators.
- ! Make sure that the only moving pavement/ramp suitable shopping trolleys with Geck conveyor castors are used on moving pavement/ramps.
- ! Ensure that the shopping trolley is not lifted, tipped or carried.
- ! Make sure that trolleys are always pushed in a controlled way and are not pushed away or permitted to roll down slopes without guidance.
- ! Make sure that no goods that protrude from the sides are transported in the shopping trolley.

Warning: The basket flap or the child seat flap of the shopping trolley is moveable to enable the trolleys to be pushed inside one another.

Consequence: Crushing and injury risk by the unfolding of the basket flap or child seat flap

- ! When removing and returning the shopping trolley, do not reach laterally into the basket.
- ! When returning the shopping trolley, ensure that children do not reach into the basket.
- ! Make sure that babies are removed from the baby seat before pushing the shopping trolleys into one another.

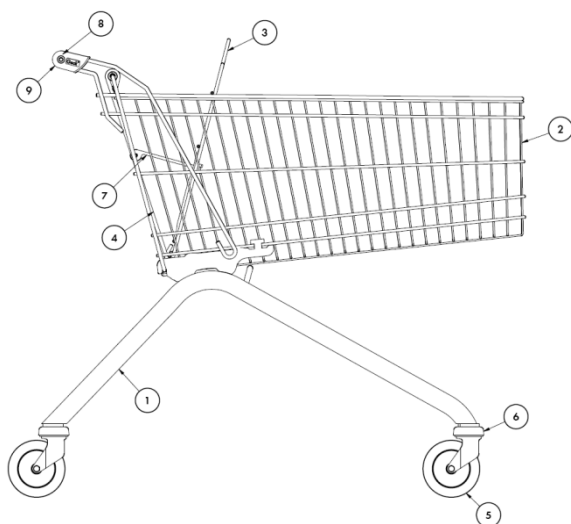
Warning: Hanging onto the side of the shopping trolley.

Consequence: Tipping of shopping trolley, damage to objects, risk of injury to people, to small children in the child seat, baby seat and baby safe and to the person hanging on the side.

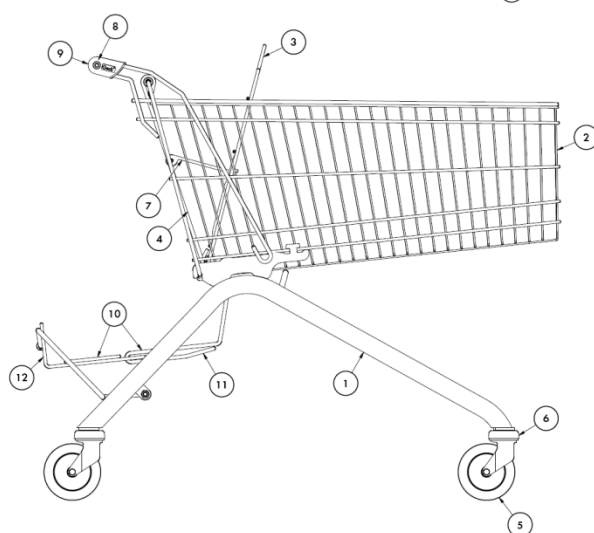
- ! Ensure that no one, in particular children, hang onto the side of the shopping trolley.

3 Description

3.1 The shopping trolley



- 1 Base frame
- 2 Shopping basket
- 3 Child seat flap/back rest
- 4 Rear flap
- 5 Castor/moving pavement/ram castor
- 6 Repulsion ring
- 7 Child seat/seat plate
- 8 Handle tube
- 9 Handle flap



- 1 Base frame
- 2 Basket
- 3 Child seat flap/back rest
- 4 Rear flap
- 5 Castor/moving pavement/ram castor
- 6 Repulsion ring
- 7 Child seat/seat plate
- 8 Handle tube
- 9 Handle cap
- 10 Crate flap
- 11 Crate flap hanging bar
- 12 Crate flap basic support



- 1 Base frame
- 2 Basket
- 3 Child seat flap/back rest
- 4 Rear flap
- 5 Castor/moving pavement/ram castor
- 6 Repulsion ring
- 7 Child seat/seat plate
- 8 Handle tube
- 9 Handle cap
- 10 Rack
- 11 Bumper

3.2 Assembly, disassembly, replacing of parts

Caution!

Please only use Geck replacement parts!

Do not use third-party parts - speak to Geck!

3.3 Replacing the castors.

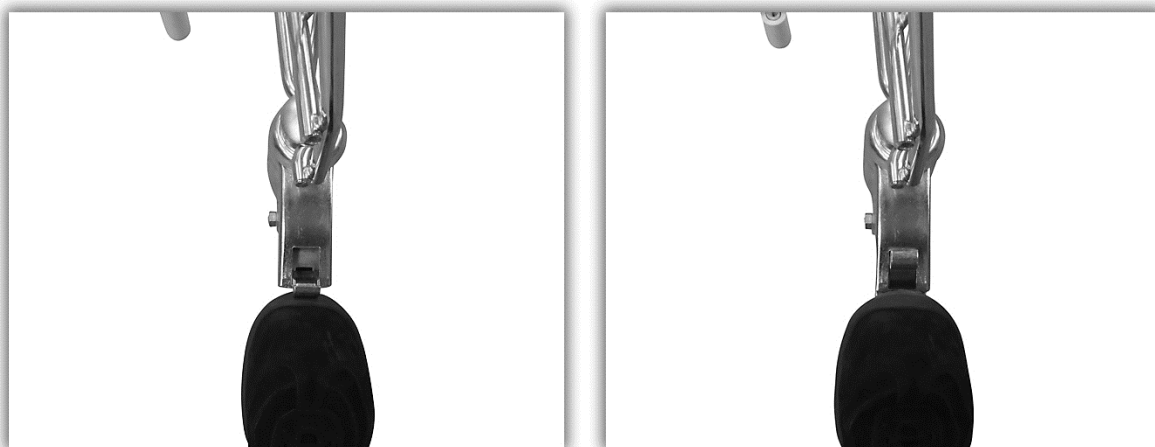
3.3.1

Exchange, attachment with micro-encapsulated hexagonal socket-type screw



3.3.2 Trolley with lockable castor





For releasing move the upper lever in travel direction. For locking move the pedal downwards.

3.4 Replacing the handles

Undo the screws on both sides using a star hexagonal socket screwdriver and remove the handle with the handle caps.



3.5 Replacing the lock.

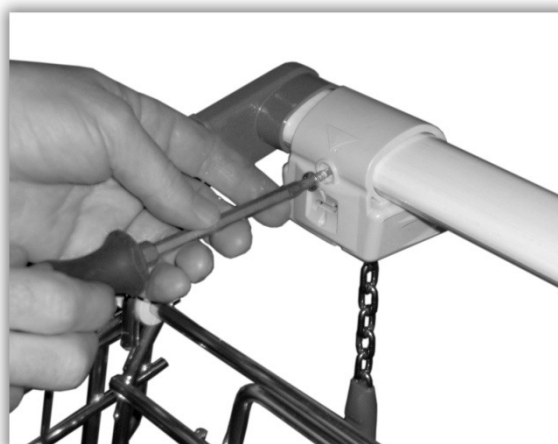
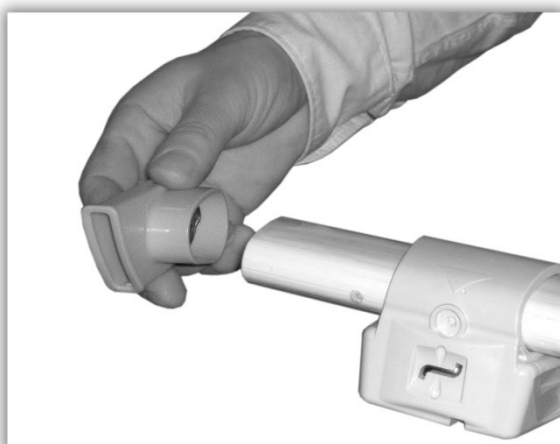
Undo the screws on both sides using a star hexagonal socket screwdriver and remove the handle with the handle caps.



Slide the new lock onto the handle tube. Insert the two handle cap elements into one another.



Affix the caps to the sides of the handle. Secure the lock with the screw.

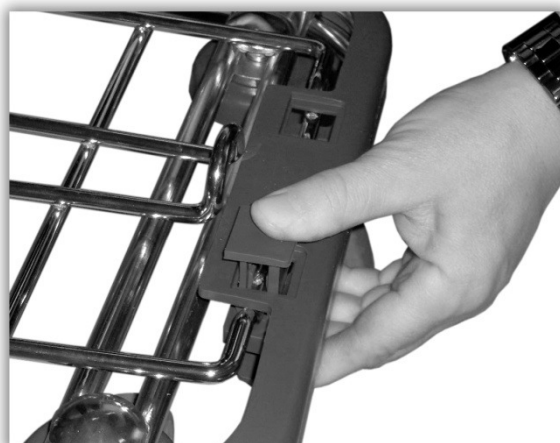
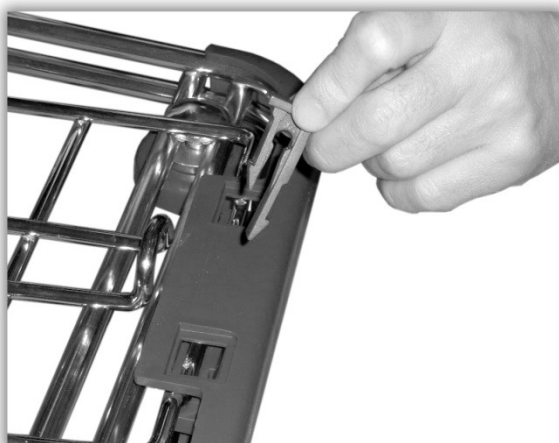


3.6 Replacing the bumpers.

When applying a new bumper, first slide the plastic bumper fully onto the wire base frame. Then guide the rack into the upper groove of the bumper.



Then fit the fixture clips and hammer into place with a soft-headed hammer.



Replacements may only be carried out by service partners authorised by Geck.

3.7 Replacing the child seat.

Slide the child seat through the opening in the baby-child seat flap and press onto the appropriate wire.



3.8 Replacing the flap stoppers.

Open the flap stoppers by hand.



4 Putting into use

4.1 Notes - Putting into use

- Check each shopping trolley for damages before making it available to customers
- Instruct your personnel
 - in the safe use of the shopping trolley
 - about the instruction of end customers
- For hygienic reasons, only park the trolleys in covered locations, e.g. parking boxes.
- Ensure that the shop furnishings are designed in such a way that the shopping trolley does not cause damages for example, the use of bumpers at the cash desks which are suited to the trolley type being used.
- Inform your customers by means of notices about the correct use of the shopping trolleys in park boxes, the store and on the moving pavement/ramp.
- Modified or defective trolleys must be immediately removed from use.

Inspection of the shopping trolley suitable for use on personnel moving pavement/ramps:

Inspections and functional checks should be carried out by a competent person on the moving pavement/ramp on which the shopping trolley is to be used. The check should include:

- A general visual inspection of the moving pavement/ramp, in particular with a view to broken comb teeth and dirt.
- A general visual inspection of the shopping trolley.
- The effectiveness of the holding mechanisms for loaded and unloaded shopping trolleys on moving pavements/ramps.
- The effectiveness of the holding mechanisms for loaded and unloaded shopping trolleys when the emergency stop mechanism has been activated.
- The checking of the ability of loaded and unloaded shopping trolleys to enter and leave the moving pavement/ramp.
- Inspections and acceptance tests on delivery should be repeated after larger changes.

4.2 Providing the shopping trolley for use

Providing the shopping trolley without deposit system

- Slide the shopping trolleys together to form lines, for example, in the parking box or the line starting station.

Providing the shopping trolley with deposit system

- Slide the shopping trolleys together to form lines, for example, in the parking box or the line starting station.

5 Operation

5.1 Shopping trolley with child seat

- Decouple the last trolley of the line with the deposit coin.
- Unfold the child seat.
- Fold the goods compartment flap down if need be.
- Seat a small child only up to the maximum specified weight. In most cases, the maximum weight is 15 kg, but this may deviate according to the trolley type. Pay attention to the seat plate print.
- Apply the safety belt, if available.

5.2 Shopping trolley with baby seat and babysafe



5.2.1 Baby seat

- Decouple the last trolley of the line with the deposit coin.
- Pay attention to the safety notes on the baby seat.
- If need be, use the castor brake to secure the trolley.
- Lay the baby (maximum of 9 kg) in the seat.
- Close the safety belts and adjust.
- Do not leave the baby unattended in the shopping trolley.
- Do not use the shopping trolley with baby seat on escalators or conveyors.
- Only use shopping trolleys on moving pavement/ramps which have been authorised specially for moving pavement/ramps.

5.2.2 Babysafe holder

- Pay attention to the safety notes on the babysafe holder.
- After placing the babysafe onto the holder, fix it carefully with the belt.
- If need be, use the castor brake to secure the trolley.
- Never leave your baby unattended in the trolley.
- Do not use trolleys with babysafe on moving pavements or escalators.
- Before putting the trolley back, take the babysafe with your baby out of the holder.

5.3 Shopping trolley on moving pavement/ramp

- For moving pavements/ramps, special shopping trolleys with pavement/ramp castors are used. These are precisely coordinated for the pavement/ramp.
- Observe the chapters 1.3 and 1.4 as well as the safety regulations and the operating manual of the conveyor manufacturer.

The overall responsibility for safe use in accordance with the applicable laws and standards of Geck shopping trolleys is solely that of the operator of the pavement/ramp.

Technical requirement for the use of shopping trolleys on moving pavements/ramps:

According to EN 115:1995, 0.5.3:

- Maximum nominal speed: 0.5 m/seconds
- Angle of tilt of the comb teeth in reference to the conveyor or the pallet step surface:
 $\beta \leq 15^\circ$
- Height between the conveyor or the pallet step surface and the floor: $H \leq 55 \text{ mm}$
- Distance between the height of the conveyor or the pallet step surface at the level of the comb intersection and the connection to the floor: $L \geq 500 \text{ mm}$

6 Maintenance

6.1 Cleaning

- **Caution:** Ingression of spray water contamination causes rust formation in the inner of the tubes.
- When using the pressure cleaner to clean, do not directly spray the drilled holes and the notches on the tube connections!
- When using the pressure cleaner to clean, do not directly spray the coin or key slots.
- Do not spray into the mechanics!
- Do not use aggressive scourers and cleaning agents.
- Only use the original GITC Geck cleaning agent.
- A work instruction for the cleaning of Geck shopping trolleys has been included in this manual.

6.2 Inspecting the shopping trolley

- Carry out daily visual checks and have any damaged trolleys repaired or take these out of operation.
- At least twice a year, carry out a comprehensive inspection of all shopping trolleys. Document this inspection in writing in the check book using the checklist from chapter 7.

6.3 Checks

- Check for even floor contact of the castors.
- Check that the castors move freely.
- Check that the castors are firmly secured.
- Check the shopping trolley for deformation and damage.
- Check the shopping trolley for breaks and loose outstanding wires.
- Check the shopping trolley for functionality.

6.4 Inspection of the shopping trolley suitable for use on personnel moving pavement/ramps

Inspections and acceptance tests on delivery (see 3.2) should be repeated after larger changes.

Larger changes are:

- For the moving pavement/ramp: See EN 115:1995, 16.2.2 "Check after major changes"
- For the shopping trolley: Construction changes; use of parts or accessories that are not original parts, in particular when replacing castors or bracket mechanisms, in order to hold the shopping trolleys in a locked position.

Note: The replacement of parts with parts with the same construction is not considered a major change.

Regular inspections and checks according to 3.2 should be carried out at least every 6 months. These should include the state of the castors of all shopping trolleys.

The interplay between the moving pavement/ramp and the shopping trolley should be recorded at the latest as of the first use of the shopping trolley.

An inspection book should be updated and maintained by a competent safety officer and contain the following:

- recording of the date of the first use of the shopping trolley and data, in particular, the permitted overall load, larger changes and replacement parts exchange;
- reports with dates regarding checks, inspections, maintenance and checks, in conjunction with comments as well as reports about all accidents.

This inspection book must be made available to the maintenance department and the safety officer (the national authority may specify according to regulations, who is responsible for the inspection book).

7. Checklist for shopping trolleys

- ! Copy the next page, fill out and file with the test protocols.**
- ! Carry out checks every six months of the shopping trolley and an entry check when taking it into commission.**
- ! These checks must be carried out!**

Checklist for shopping trolleys

Date of test

Name and company of inspector

Signature of inspector

Check the trolley for damages

Discovered faults:

- Deformation to basket, base frame or platform
- Breakage of welds or components
- Safe seating of the basket or platform
- Safe seating of baby seat or child seat
- Safe attachment of the castors

Check of functionality and state

- Brakes
- Can they be slotted into one another
- Basket flap
- Child seat
- Handle, handle bar, handle protection caps
- Coin deposit system
- Bumper
- Rack, non-slip securing mechanism
- Crate shelf
- Platform
- Special accessories, for example, baby seat

Checking the castors

- Check castors for damage or wear
- Check washer discs are free from damage
- Check washer discs are free from blockages
- Brake shoe
- Contamination

Shopping trolleys suitable for

use on personnel moving pavement/ramps

- General inspection of moving pavement/ramp
- Broken teeth of comb
- Dirt
- The effectiveness of the holding mechanism for loaded and unloaded shopping trolleys on moving pavement/ramps
- The effectiveness of the holding mechanism for loaded and unloaded shopping trolleys when the emergency stop mechanism has been activated.
- The checking of the ability of loaded and unloaded shopping trolleys to drive into the moving pavement/ramp and to leave it.

8 Disposal of shopping trolleys

- Disassemble the shopping trolley into its constituent parts.
- Sort the components according to materials and dispose of in an environmentally friendly way.
- Observe the national directives and local regulations on waste disposal.

9 Copyright

The copyright for this manual remains the property of J.D. Geck GmbH.

The manual is designed for the operator and the personnel of such.

Partial or complete multiplication, distribution or transfer of this manual is not permitted.

Infringements may be pursued legally.

Important information
regarding handling returns

Geck®
J.D. Geck GmbH

To whom it may concern,

In order to make sure that your returns are simply and quickly handled, please pay attention to the following points

- ✓ Fill out the enclosed print-out and send it back to us by fax.
- ✓ You will directly receive a returns number from us. Please identify the return dispatch clearly and legibly.
- ✓ Please specify the reason for the return.
- ✓ As soon as the goods with a justifiable complaint and packed in the original packaging are returned to us, we will immediately issue a credit or a replacement delivery.

If the return is based on an incorrect order, we must charge a processing fee to the tune of 20% of the net value of the goods, but at least 45.00 euros.

Please understand that we are not able to accept returned goods without a return number and reason.

We look forward to continuing working with you!

Your Geck service team

Return registration

Geck®
J.D. Geck GmbH

Mrs.
Jana Wistrich
Fax: +49 2352 542 30 123

To whom it may concern,

As a customer-oriented company, we offer you our returns service for fast and uncomplicated handling.

In order to guarantee the fastest-possible processing of your returns, we ask you to include a copy of the delivery note with this registration. The document should clearly show the number and the item number of the goods to be returned.

Please understand that we are not able to accept returned goods without the specification of a return number and reason.

Best regards from Altena
Your Geck GmbH

Delivery note number

Company name

Street

Postcode, Town/City

Contact person, Date, Signed

Telephone number

Reason for returning:

- ☐ Incorrect amount
- ☐ Incorrect item
- ☐ Quality fault
- ☐ Transportation damage
- ☐ Delivery date not met
- ☐ Others _____



Comments regarding your returns



Working instruction

Geck Intensive Trolley Cleaner

Liquid, almost neutral product for the cleaning of shopping trolleys.

Geck Intensive Trolley Cleaner

Work instruction

1. CHARACTERISTIC

Liquid, almost neutral product for the cleaning of shopping trolleys. A high proportion of effective surface-active ingredients lend the **Geck Intensive Trolley Cleaner** its pronounced cleaning properties.

Even heavily greased surfaces are cleaned gently. Care components result in light oiling, for example, the clean surfaces are coated with a hydrophobic film which lends the materials gloss, a certain level of corrosion protection and prevents fast recontamination.

The coated, varnished surfaces, as well as aluminium and other sensitive metals are not attacked.
Important content: Tensides, amine, scent and corrosion inhibitors.

2. PARTICULAR ADVANTAGES

- Gentle cleaning of heavily greased surfaces
- Prevention of fast recontamination
- Hydrophobic film coating
- Sensitive metals are not attacked

3. APPROACH PARAMETERS

For cleaning shopping trolleys:

	Concentration
Geck Intensive Trolley Cleaner	1:20 to 1:100

Geck Intensive Trolley Cleaner

Work instruction

4. APPLICATION RECOMMENDATIONS

The application of **Geck Intensive Trolley Cleaner** is usually carried out with a sponge, brush or spray washer.
According to application, rub dry or wash with water (pressure cleaner).

5. SAFETY REGULATIONS

On contact with skin, rinse immediately with running water. If splashes of chemicals enter the eyes, use an eye bath to rinse thoroughly and, if necessary, consult an optician.

If swallowed, immediately inform the next nearest emergency hospital or a doctor. First aid measures should be carried out according to the recommendations of the accidental prevention guidelines ("First Aid in the event of accidents in Galvanic technology", which can be obtained from your professional union). The notes on the packaging of our products should also be observed.

6. GUARANTEE

This data sheet serves as advice. The specifications correspond to our best knowledge without taking account of any specific application case. They do not free the processor from carrying out their own tests and trials, due to the range of possible influences of processing and application of our products. Since the proper use of our preparations is not something we are able to influence, we are only able to accept liability for maintaining the same perfect quality of our preparations at the time of delivery. All the descriptions, drawings, photographs, data, ratios, weights etc. contained in this document may change without warning and do not represent the contractually agreed nature of the product. Any protection rights as well as existing laws and regulations are to be observed by the recipient of our products under their own responsibility. If problems occur with the application we ask you to make use of consulting offered by our sales team. The values given in the work instruction are the usual intended values, but must be checked on a customer-specific basis for each system to see whether the values must be varied.

Geck Intensive Trolley Cleaner

Work instruction

7. ORDER INFORMATION

Item numbers and container sizes

Geck Intensive Trolley Cleaner

Item no. 789 900 001 9089

10kg/30kg

Order

Geck®

J.D. Geck GmbH

Mrs.

Jana Wistrich

Fax: +49 2352 542 30 123

You may order from us using the methods listed below:

Geck Intensive Trolley Cleaner

Item number 789 900 001 9089

10kg

☐

30kg

▪

Order number

Customer number (if available)

Company name

Street

Postcode, Town/City

Contact person, Date, Signed

Telephone number for queries

Order

Geck®
J.D. Geck GmbH

Geck Intensive Trolley Cleaner

Questions/Notes/Comments for ordering

Here is space for your notes



J.D. Geck GmbH • Grünewiese 28 • D-58762 Altena

Telephone: +49 2352 542 0 Fax: +49 2352 542 138

Email: info@geck.de Internet: www.geck.de

The copyright for this manual is held by J.D. Geck GmbH.

Our worldwide service for you

Geck Scandinavia Aps

Middelfartvej 63 G
Assenbolle Erhvervspark
5492 Vissenbjerg
Denmark
Tel: +45 70 25 2537
Fax: +45 70 272538
E-Mail: geck@geck.dk – www.geck.dk

Geck France EURL

10 rue de la Roseraie
67300 Schiltigheim
France
Tel: +33 60 11 71521
Fax: +33 38 88 11688
E-Mail: waechter@geck.fr – www.geck.fr

Foxbarn Ltd.

Unit 8, Towers Business Park
Carey Way, Wembley
Middlesex HA 9 0 LQ
United Kingdom
Tel: +44 20 87 95 6868
Fax: +44 20 89 02 1066
E-Mail: display@foxbarn.co.uk
www.foxbarn.co.uk

Instalaciones Madrid Display, S.L.

C/Bronce, 9
Pol. Ind. Campo Nuevo
28863 Cobeña (Madrid)
España
Tel: +34 91 620 8081
Fax: +34 91 620 9323
E-Mail: info@im-geck.com
www.im-geck.com