



# SAFE LINK SCOOTER

**User manual / assembly instructions**

# SAFE LINK SCOOTER

## Rope pulley for SAFE LINK securing system

Subject to technical changes

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### BRIEF DESCRIPTION

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#### INTENDED USE

The rope pulley SAFE LINK SCOOTER used in connection the securing system SAFE LINK SSB and a full body harness in compliance with EN 361 or a climbing harness in compliance with EN 12277 exclusively serves to secure briefed persons against falling when climbing in climbing courses or using rope slides. It may only be used by one person at a time.

It is always used in combination with a horizontal or slightly taut textile rope or wire cable (flying-fox, rope slide). In the case of rope slides or similar, a suitable brake system must also be installed. The suspension rope and its attachment must be correctly planned and mounted by a qualified person. The suspension rope or rope slides may be permanent or temporary installations. There is a real risk to life if travel speeds are too high or if the tension rope or the anchors are inadequately strong. The connection of the safety rope should always be seen as redundant.

Maximum use: 1 person at a time.

**All other uses are deemed improper. The company BORNACK will not be liable for any ensuing damages. The user bears the sole risk.**

Observe operating specifications in compliance with EN 15567-2.

#### EQUIPMENT

- Aluminium casing
- Plastic rollers with ball bearings

#### ACCESSORIES

- SAFE LINK SSB securing system
- SAFE LINK TWEEZLE Ident marks

#### USE

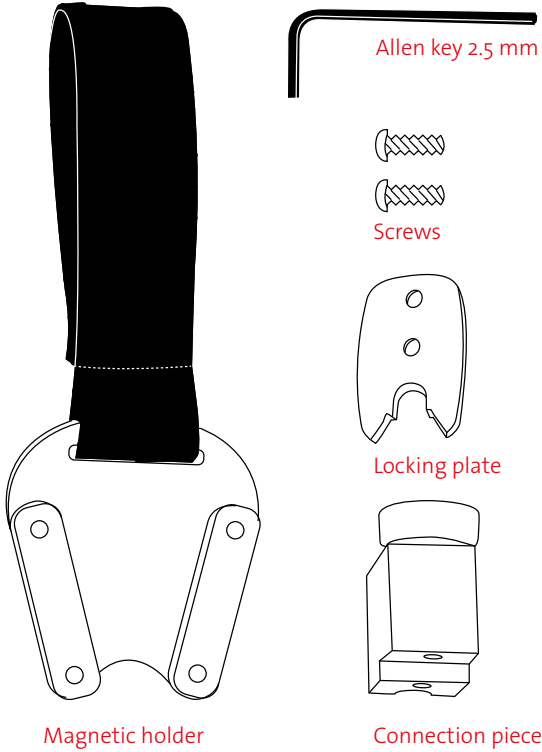
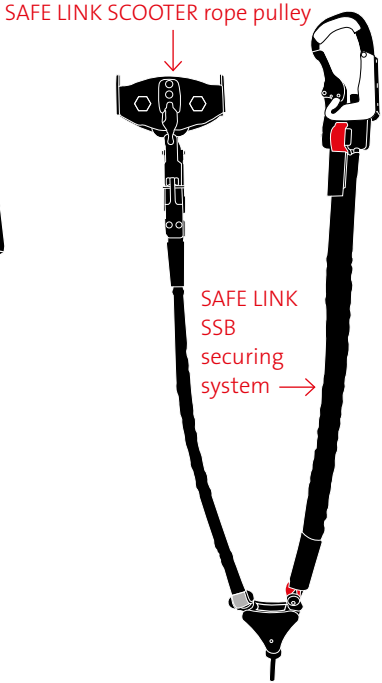
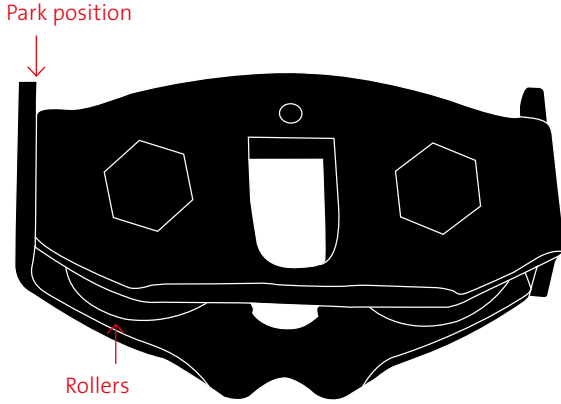
- Upgrading the SAFE LINK SSB securing system into a securing system with an integrated rope pulley for zip lines or flying fox in commercial supervised adventure parks

#### REQUIRED TOOLS

- Allen key 2.5 mm

**SCOOTER PARTS**

**SECURING SYSTEM**



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## INFORMATION BEFORE USE

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**Always check before using!**

- The personal protective equipment (PPE) may no longer be used even in the case of very minor faults. Faulty PPE may only be tested and serviced in a workshop authorised by BORNACK.

### VISUAL INSPECTION

- All parts are in place and undamaged.
- The casing shows no signs of damage in the shape of deformation or wear.
- Metal parts show no signs of damage in the shape of deformation, cracks, corrosion, excessive wear.

### FUNCTION TEST

- Rollers runs smoothly in the direction of travel.

## SAFE LINK SCOOTER IN USE

Read the User Manual.  
Wear protective gloves.

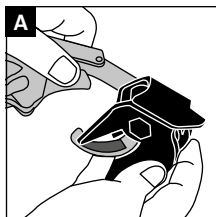


### PREPARATION / ASSEMBLY

**A** Feed the pulley into the SSB hook.

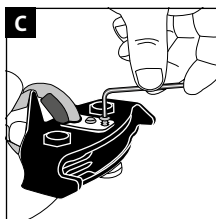
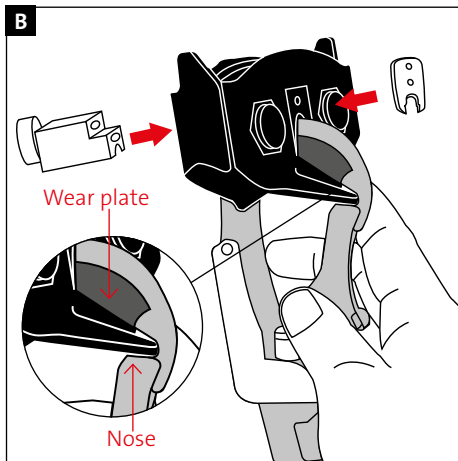
**CAUTION:**

Ensure that the SAFE LINK SCOOTER rope pulley is always installed on the shorter (blue) strand of the SAFE LINK SSB system



**B** Insert the connecting piece into the roller from behind to affix the hook. The roller is perfectly positioned if the nose of the roller is flush with the wear plate of the hook. Attach the locking plate from the other side above the hook. The contour of the locking plate must lie on the hook contour.

**C** Affix the locking plate with screws. Tighten the screws with an Allen key. The rope pulley now sits tightly on the hook.



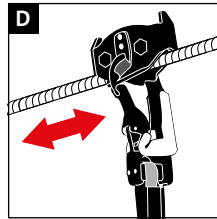
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## SAFE LINK SCOOTER IN USE

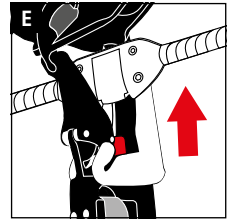
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### APPLICATION

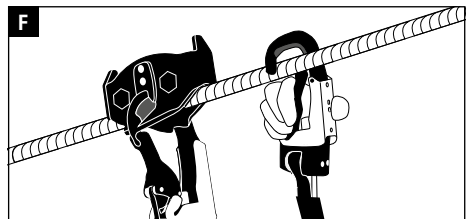
**D** Place the rope pulley SAFE LINK SCOOTER onto the safety line. (Direction of travel does not matter)




**E** Acknowledge the securing system with SAFE LINK SCOOTER on the Ident mark TWEEZLE.




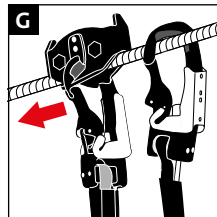
**F** The second hook can now be opened and also placed onto the safety line.



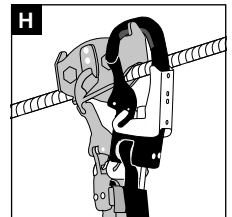
**CAUTION:**  Ensure that the loose hook is always placed behind the rope pulley SAFE LINK SCOOTER in the direction of travel and is on the park position when on the rope slide.

**CAUTION:**  Ensure that the cowtail is not twisted. This prevents unintentional turning on the rope slide.

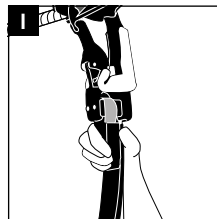
**CAUTION:**  Before starting, sit into the harness carefully (do not jump etc.) Your eyes and feet should face the direction of travel. Cushion the landing at the end of the rope slide with your feet to avoid impact.



**G** Whilst at the climbing stations, also attach the second 'loose' hook onto the safety line. Do not hang it in the park position.



**H** When on the rope slide, zip line etc. the second karabiner must be hooked into the park position.



**I** When on the rope slide, the guest can hold onto the SAFE LINK SSB handles below the safety hooks.

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## SAFE LINK SCOOTER IN USE

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### CAUTION RISK TO LIFE:



Do not touch the rollers during the slide journey.

### CAUTION:



Ensure that all karabiners are securely locked and that the securing system is tightly attached to the harness.

### **COMBINING**

When combining with securing systems, check the compatibility. The rope pulley SAFE LINK SCOOTER was specially designed for the BORNACK SAFE LINK securing system and is only compatible with the SAFE LINK SSB Type SSB01.

Read the user manual of the securing system.



### **DISMANTLING**

To remove the SAFE LINK SCOOTERS repeat steps D to B.

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## SAFETY INSTRUCTIONS

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### **There is a risk to life if these safety instructions are not observed!**

- CAUTION: Only start the descent on the rope slide if there are no other persons on the suspended cable or in the 'landing' area! RISK OF COLLISION!
- Damaged, fall-stressed, dubious personal protective equipment or safety devices must be immediately withdrawn and not used. The equipment may only be inspected by an expert or a workshop authorised in writing by BORNACK. This must be documented in the test card.
- No independent changes or repairs may be carried out.
- The personal protective equipment may only be used by qualified staff that are familiar with the material. They must be proficient in handling the personal protective equipment and must have been briefed about the possible risks associated with its use
- Accessories from other manufacturers may only be used if approved by BORNACK and may not impair the function and safety of the protective equipment.
- Clothing and shoes must be suitable for the task at hand and the weather conditions.
- Only use the equipment if you are fully fit.
- Health impairments can jeopardise the safety of the user when working at heights or depths
- Before using, ensure adequate clearance below the user to prevent impact on a protruding object or the ground.
- Protect personal protective equipment during storing, use and transportation against the effects of heat (e.g. welding flames or sparks, burning cigarettes) and chemicals (e.g. acids, alkalis, oils) and mechanical effects (e.g. sharp edges).
- Before starting work, the responsible person must draw up a plan of rescue measures that defines how to rescue casualties quickly and safely and ensures first aid measures. Casualties must be rescued within 10 to 30 minutes. BORNACK can help you draw up tailor-made rescue plans in specific training courses: [hotline@bornack.de](mailto:hotline@bornack.de)
- The local safety guidelines (e.g. in Germany, the guidelines issued by the professional associations BGR 198 and BGR 199) and the accident prevention guidelines for the specific industry (UVV) must be observed.
- Personal briefing is necessary before use. This device may only be used under supervision
- Trees used as supporting structures are 'moving bodies' and can lead to premature wear close to the rope guides / curves, or may, in some circumstances, exert extremely high loads onto the suspended cable via the rope end points. Special checks are required after storms etc.
- High rope courses must satisfy the specifications of the standard EN 15567-1; forces exerted if a climber falls may not exceed 6 kN.



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## OTHER

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### **APPROVAL**

Complies with the EC Directive 89/686/EEC.

Type testing and production monitoring by:

TÜV Süd, Product Service GmbH  
Ridlerstr. 65  
D-80339 München  
CE 0123

Quality management system certified to  
DIN EN ISO 9001.

Production monitoring by notified office in  
accordance with Category III

### **REGULAR INSPECTIONS**

- Anchor devices, full body harness and lanyard must be inspected regularly, however at least once a year, by an expert. The result must be documented in the test card at the end of this user manual.
- The PSA and securing systems used in climbing parks are subject to extremely high usage frequencies. A higher level of wear must be assumed. The test cycles must be adapted accordingly!

### **SALES**

- The dealer must ensure that the user manual is supplied in the language of the designated country. The respective translation must be authorised by BORNACK.

### **SERVICE**

If you have any further questions about safe use of this PPE or other BORNACK services, such as:

- Risk analysis
- Rescue plans
- Training courses
- Expert inspections

please send your question to our e-mail hotline:  
hotline@bornack.de

We will be happy to help!

### **MAINTENANCE**

- Oil mobile parts on karabiners and other devices to ensure they run smoothly.
- Maintenance work may only be carried out by trained experts. The instructions in this user manual must be observed strictly.
- Protective equipment that is well looked after will last longer!

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## OTHER

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### CLEANING

- Dry damp personal protective equipment in the air, not on artificial heat sources. Dry metal components with cloths.
- Clean soiled textile components (e.g. arrester harnesses and ropes) with lukewarm water and a little detergent for delicates. Then rinse thoroughly and allow them to dry in the air. No other cleaning agents may be used!
- For information about disinfection, please contact the email hotline: [hotline@bornack.de](mailto:hotline@bornack.de)
- If the personal protective equipment comes into contact with saltwater, keep it wet until it can be rinsed with distilled water.
- Use compressed air to blow on the unit.

### LIFE SPAN

Metal parts are not subject to an age-specific life span. The decision is made by the expert based on his technical expertise.

Intensive use and/or under extreme operating conditions, such as sharp edges, chemical influences etc. will reduce the usage period for reasons of safety. The company owner must ensure this in a risk analysis of the workplace. The company owner must ensure compliance with the maximum deadlines by documenting first-time use in the test card or the rope log.

The test card at the end of this user manual must be presented during the regular expert inspections and completed by the expert. For more details, please visit the website [www.bornack.de](http://www.bornack.de) in the BORNACK brochure „Life span of textile personal protective equipment components“.

### REPAIRS

- For reasons of liability, repairs may only be carried out by the manufacturer.
- Only original spare parts from the manufacturer may be used.

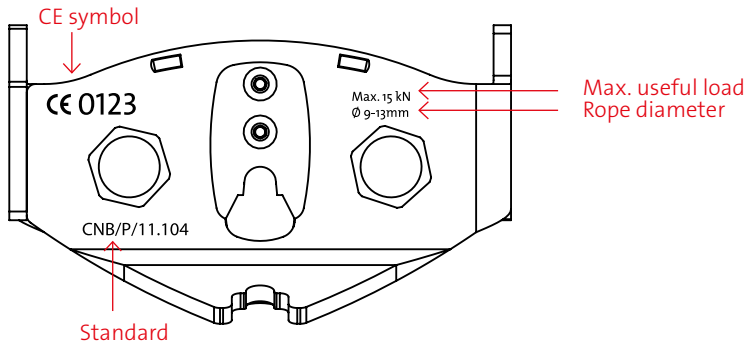
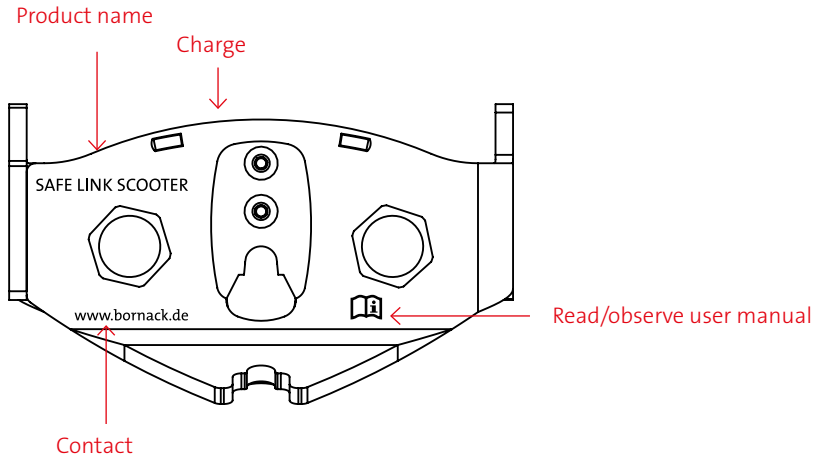
### STORAGE

- Dry damp personal protective equipment before storing.
- Store away from light in a dry place.
- Do not store personal protective equipment close to radiators. Permanent temperatures of over +50 °C have a negative impact on the strength of the textile material and will reduce the life span.
- Do not allow personal protective equipment to come into contact with aggressive substances (e.g. oils, grease, acids, chemicals).
- Store the personal protective equipment in the device case or device bag.

### TRANSPORT

Transport the personal protective equipment in the device case or device bag. DE

OTHER





# TEST CARD

FOR ANNUAL MONITORING

The test card must be completed in full by the expert during the annual inspection.

This test card does not claim to cover all test criteria and does not relieve the expert from his decision about the overall condition.

Type HSG: \_\_\_\_\_

Manufactured on: \_\_\_\_\_

Serial no.: \_\_\_\_\_

Purchase date: \_\_\_\_\_

Date of first use: \_\_\_\_\_

Life span at the latest: \_\_\_\_\_

	Date	Signature	Next inspection	Reason for inspection
Year 1				
Year 2				
Year 3				
Year 4				
Year 5				
Year 6				
Year 7				
Year 8				
Year 9				
Year 10				









### **FALLSTOP**

Safety equipment for securing and rescuing at heights and depths

### **SAFEPOINT**

Permanently installed safety systems for architects and industry

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