

# Usage and maintenance manual Guided type fall arrester "Söll® BodyControl II" for the Söll GlideLoc® fall arrest system

Reference 27440 / 1033981 in accordance with EN 353-1:2014+A1:2017

Date of purchase:
The manufacturer has conducted the initial tests. A written approval is therefore not required.
(The following must be completed by the installer in permanent waterproof ink.)
Date of commissioning:
Operating company/user:
Street:

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## Explanation of symbols

<u> </u>	Warning! Non-observance could result in serious injury.
1	Important! Useful information and user tips are given here.

#### 1- GENERAL INFORMATION

#### 1.1 DESCRIPTION OF THE PRODUCT AND HAZARDS

The Söll GlideLoc® fall arrester "Söll® BodyControl II" (hereafter "fall arrester") is a component of the fall protection system named Söll GlideLoc® which is equipped with a fixed guide designed to protect against fall from height. This fall protection system is certified in accordance with the norm EN 353-1 [Personal fall protection equipment. Guided type fall arresters including a rigid anchor line] (hereafter the norm). The operating company of the fall arrest system must suitably ensure that any user is granted its own full body harness and its own fall arrester and that they are used according to the present instructions.

#### 1.2 MANUFACTURER'S DETAILS

Honeywell Fall Protection Deutschland GmbH & Co. KG, Seligenweg 10.

95028 Hof, Germany

Phone:: +49 (0) 9281 8302 0

E-mail: info-soell.hsp@honeywell.com

#### 1.3 COMPATIBILITY

The fall arrester must be used only in conjunction with the original Söll fall arrest systems which have the Söll GlideLoc® type EC-test certificate. Using systems of other manufacturers may prevent the proper and efficient functioning of the fall arrester.

The selection and use of the Söll GlideLoc system must not be made without resorting to an installer duly authorized by the manufacturer who will be able to help the user select the appropriate equipment, to analyze the requirements of a secure installation, and install them in a suitable configuration. The fall arrester must only be used with full body harnesses compliant with norm EN 361 [Personal protective equipment against falls from a height. Full body harnesses]. Only harness attachment elements certified according EN 361 (marked with "A") must be used.



#### Warning!

Söll® BodyControl II is not compatible with pre-1982 installations.

#### 1.4 PERFORMANCES OF THE FALL ARRESTER

The maximum arrest distance in case of a fall is 140 mm. The maximum arrest force for a fall of a 100 kg weight will be 6 kN.

#### 1.5 LIMITATIONS AND CAPABILITIES



#### Danger!

Failure to comply with these provisions will expose the user to risks of fall from height!

#### 1.5.1 Capabilities

The fall arrester "Söll® BodyControl II" is categorized as class 3 PPE.

#### 1.5.2 Limitations

- The maximum user load (including the clothing and equipment) may not exceed 140 kg.
- Operating temperature for the fall protection system: -40° to +50°C
- Operation in temperatures of +50 to +70°C is only permitted if users wear appropriate protective clothing.
- The Söll GlideLoc® fall arrester "Söll® BodyControl II" is intended for one user only.

- The Söll GlideLoc® fall arrester "Söll® BodyControl II" may **not** be used in explosion-prone areas.
- The fall arrester must not be used for leisure activities.
- 1.6 The fall arrester should always be handled in such a manner that it will be protected from any damage or corrosion.

#### 1.7 WARNINGS

Before using this fall arrester, it is imperative you read and understand this instruction manual and any additional instructions provided during training or given with the related system.

KEEP THIS MANUAL FOR FUTURE USE - DO NOT THROW AWAY!
Ask your employer to provide you with a user training before first use of
this equipment. You may also be directly supervised by a trainer and/or a
competent person



#### Danger!

Failure to comply with these instructions may result in serious injury or death!

All users must be provided with this instruction manual. The operating company of the anchor device must ensure that this instruction manual is either kept in a safe and dry location near the system or is always kept in an easily accessible location that is known to all system users.

- 1.8 Attention has also to be paid to the "regulations for using personal protective equipment against falls from a height", i.e. BGR 198, of the Institute for statutory accident insurance and prevention as well as the rules for using personal protective equipment for holding and rescuing, i.e. BGR 199.
- 1.9 For the users' safety, it is important that the retailer provides this manual in the respective country's language if this system is to be re-sold in another country.

#### 2- PRF USF INFORMATION

#### 2.1 STORAGE

Storage temperature must be between -40° and +50°C.

The fall arrester should be kept clean, dry and dust-free. It should not be stored near heat sources. No sun during storage.

Ensure that the fall arrester is protected from damage during transportation.

#### 2.2 INSPECTION BEFORE USE

- **2.2.1** Before each usage, the whole fall arrester incl. the karabiner hooks as well as the system itself has to be checked for their usage capability and correct functioning. (See the inspection check list on page 12 for this purpose.)
- **2.2.2** Before each usage it is necessary to check that all components of the fall arrester are moving freely, especially the shock absorber and the safety catch.
- **2.2.3** The fall arrester must not be used in case of any defects or doubts concerning safety. Do not use it until a competent person (as defined in section 7.1 below) approves it for further use. Send the fall arrester back to the manufacturer if required.
- **2.2.4** Users have to be in a good and healthy condition and physically fit. It is prohibited to climb if users are influenced by drugs, alcohol or medicine.

#### 2.3 TRANSPORTATION

Storage temperature must be between -40° and +50°C.

The fall arrester should be kept clean, dry and dust-free. It should not be stored near heat sources. No sun during storage.

Ensure that the fall arrester is protected from damage during transportation.

# 2.4 INSTALLATION MANDATORY PRE-REQUISITES AND PRE-USE RECOMMENDATIONS

#### Danger!

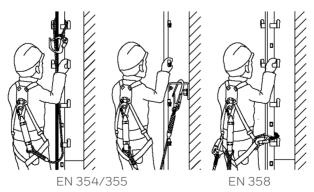
# Failure to comply with the instructions of this section may result in serious injury or death!

The fall arrester must be used in connection with the rest of the elements of the Söll GlideLoc system as described in the above section "compatibilities".

Note:
It is necessary to be extremely careful at the bottom of the fall protection system; during the first 2m it is possible that users will hit the ground after a fall. (Fall arrest distance plus body height of the user is approximately 2 meters) A vertical safety distance of at least 3,0 m is mandatory and the user must be extremely cautious.

#### 2.5 WARNING

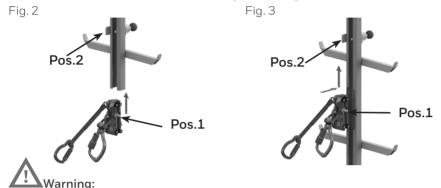
The fall arrest system and the full body harness secure the users against falls from while climbing or going down. When working in or next to the ascent route and when executing tasks and actions that are not part of the usual ascent and descent movements, the climber must additionally secure himself. In order to do so the climber needs to use a lanyard compliant with the norm EN 354 [Personal fall protection equipment. Lanyards] or a positioning belt compliant with the norm EN 358 [Personal protective equipment for work positioning and prevention of falls from a height. Belts for work positioning and restraint and work positioning lanyards]. The choice of such lanyard or belt must be done in the light of the type of works and structure receiving the fall protection system and in agreement with an expert if need be. This is also applicable when the user makes a break during climbing. Only suitable anchor devices such as mounting brackets must be used for this purpose in case of use of a lanyard. In all these situations, the lanyard must be properly fixed – hook closed in order to prevent a fall (see Fig.1).



#### 3-USF INFORMATION

**3.1** Insert the fall arrester into the lower end of the guide rail (Fig.2) or in the recess (Fig.3) (the recess must NEVER be positioned above the stomach height). The laterally protruding locking pin (Pos.1) must be on the right side and the engraved arrow **must** point upwards.

The locking pin (Pos.1) and the end stop (Pos.2) prevent the incorrect use of the fall arrester and unintended slipping from the guide rail.



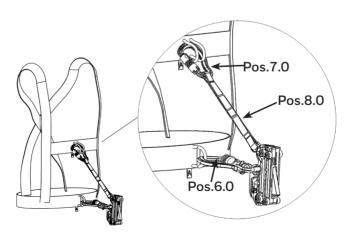
Crossing the end stop is allowed only

- in the areas without the risk of a fall from heights or
- if the fall protection is ensured otherwise.

Each self locking karabiner has to be connected to a separate attachment point of the harness marked with "A", the lower karabiner (Pos. 6.0) must be connected to the belly attachment point and the upper karabiner (Pos. 7.0) must be connected to the sternal one. (see Fig. 4)

In order to open the karabiners the following steps are necessary: 1. Pull the gates backwards, turn it to the right and press it inwards.

Fig.4



#### Warning: Risk to life!

Both karabiners of the fall arrester must be directly connected to the front attachment points (marked with "A") of the full body harness for the vertical usage in compliance with the norm EN 353-1. After connecting, user has to check if the second arrest mechanism is working by slightly leaning back with the upper part of the body only.

During climbing the upper part of the body must be in a parallel position to the rail.

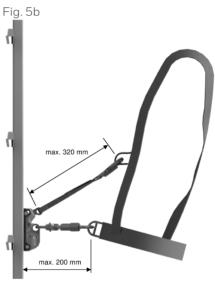
### Note:

# It is absolutely prohibited to use karabiners of another type than the original ones provided!

The length between the outer edge of the guide rail and the internally bent eyelet on the harness must not exceed 200 mm (see Fig.5).

The length of the textile strap from beginning up to the chest strap of the full body harness must not exceed 320mm (Fig.5a).





## Note:

The full body harness must fit well and tightly to the body!
Should the harness become loose during climbing, it must be readjusted.
During readjusting the harness users must be in a safe position and secured with a lanyard as specified in 2.5. For more information, please refer to the user manual of the harness and/or lanyard.

**3.2** After inserting and attaching, the system is ready for use. For descending it is necessary to unlock the device by pushing the lower connector backwards. The upper part of the body has to be still in a straight position to do so (Fig. 5a).

# 3.3 REMOVING THE FALL ARRESTER FROM THE GUIDE RAIL Warning:

Before detaching the fall arrester from the harness and removing it from the guide rail, users must be secured and protected against a fall from height in another means!

In order to remove the fall arrester from the guide rail, the end stop has to be opened so the fall arrester can cross this section.

If other accessories (e.g. exit device) are mounted to the guide rail or ladder, please follow their respective manual.

After use, you must not leave the fall arrester attached to the fall protection system.



#### 3.4 FORESEEABLE MISUSE

#### Warning:

Any alterations or additions to the fall arrester without the manufacturer's written approval may prevent the fall arrester from properly functioning and are therefore prohibited.

#### 3.5 EMERGENCY PROCEDURES

It is essential that the owner of this fall arrester has a rescue plan, wherein all possible emergencies, in particular the urgent need to evacuate an injured person, that may occur while working, are taken into account.

#### 4- INSPECTION AND MAINTENANCE

**4.1** A guided type fall arrester involved in a fall must be inspected by a competent person before it is used again.

**Never use** such a fall arrester without the written approval of said competent person.

- **4.2** The fall arrester and **the respective manual** must be sent to the manufacturer's workshop for inspection and maintenance.
- **4.3** A competent person has to regularly check that the fall arrester and the fall arrest system are in good condition and fit for use. **Such inspection has to be carried out at least once a year** or more frequently, depending on the application and operational conditions. Regular inspections are mandatory as safety of the user depends on continued functionality and durability of the fall arrester and the fall arrest system.

A competent person for the personal protective equipment is:
A person certified for having successfully participated in a course whose contents is compliant with the "fundamental principles for selecting and training the experts in the field of personal protective equipment against falls from a height and certifying their qualification", i.e. BGG 906 [Principals for selection, training and certificate of competence of competent persons for personal fall protection equipment].

#### 4.4 INSPECTION (SEE 5.3)

Competent persons have to use the "inspection check list" (page 12).

#### Maintenance

A competent person is allowed to deal with the following defects:

- Removing dirt (concrete, mortar, paint, etc.) from the fall arrester
- Cleaning the markings

In case of dirt inside the fall arrester or if the fall arrester has any defects which require disassembly, it must be sent back to the manufacturer (together with the respective manual) for cleaning and repair. This process must be recorded in the annex of the check list (space for comments).



Due to safety reasons, repairs must only be carried out by the manufacturer!

#### 4.5 CLEANING

Wash the entire fall arrester with water and dry it using an absorbent cloth. Do not use heat sources for drying.

**Do not** wash it with a quick cleaner, thinner or degreaser containing trichloroethane. **Do not use grease.** 

The wheels (Fig.7 /Pos.3.0) have plain bearings and have been lubricated in the factory.

Lubricate the swivel shackle (Fig.7 / Pos.5.0) slightly.

Lubricate the karabiner gate (Fig.7 / Pos.6.1; 7.1) slightly, if required.

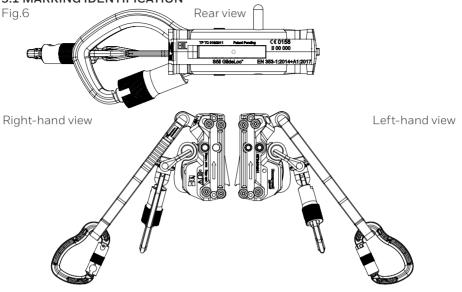
**Attention!** Do not bring the fall arrester in contact with chemicals.

#### 4.6 OBSOLESCENCE PERIOD

Endurance of the fall arrester depends on frequency of use and use environment. During yearly inspection (to be done by a competent person) the fall arrester will be released for enduring use if the product and its components are in good condition. The life span of the textile strap (Fig.7, Pos. 8.0) is maximum 10 year. It may need to be replaced earlier if the criteria in the inspection checklist (see 5.3) are not fulfilled any longer

#### 5- MISCELLANEOUS





Year of manufacture

Serial number

€€ 0158

Söll BodyControl II

Honeywell MILLER

min. 40 kg max.140 kg EN 353-1:2014+A1:2017

EHETP TC 019/2011

1100

000

Monitoring notified body

Note for reading the operating manual

Type designation of the fall arrester

Reference to manufacturer:

Honeywell Fall Protection Deutschland

GmbH & Co. KG

Seligenweg 10, 95028 Hof, Germany

Minimum/maximum weight of the user

Reference of the European standard

Reference to the Russian standard

A competent person is **only authorized** to place an inspection label, if the device is absolutely free from any defects after inspection and maintenance.

#### 5.2 RELEVANT NOTIFIED BODY

DEKRA Testing and Certification GmbH Dinnendahlstrasse 9 44809 Bochum CF 0158

#### 5.3 INSPECTION CHECKLIST (SEE FIG. 7).

#### Body (1.0)

- Free from paint/mortar/concrete/dirt etc.
- All markings must be clearly legible (1.2)
- The locking pin (1.1) is not bent or moveable
- Sliding parts (1.3) must be in place
- Sliding parts (1.3) are not worn

#### Shock absorber/ Safety catch (2.0;2.3)

- Shock absorber and safety catch have to move smoothly and independently
- Shock absorber (2.0) is not deformed gap width at position of the arrows (see detail views Fig.7) is max. 1mm
- Depth of safety catch (2.2) 10 +1,0/-0,5mm
- Arrow heads of the fall indicator marking close to the shock absorber eye are aligned with each other (see detail views Fig.7)

#### Wheels (3.0)

- Completeness of wheels, 8 pieces
- Radial slackness: max. 0,5mm
- Wheels must rotate freely (concentricity)
- Wheels must not be damaged
- Wheels must fit firmly on the axle
- The minimum outer diameter of the wheels has to be (3.0) at least 1.3mm.

#### Springs (4.0; 4.1, 4.2)

• All springs must be checked by functional testing (not broken)

#### Swivel shackle (5.0)

- Swivel shackle is able to move freely
- Swivel shackle is not broken
- Swivel shackle has no cracks or other damages
- Thickness of the shackle (5.0) has to be at least 5,5 mm
- The outer dimension of shackle pin eyelets (5.1) must not exceed 40 mm

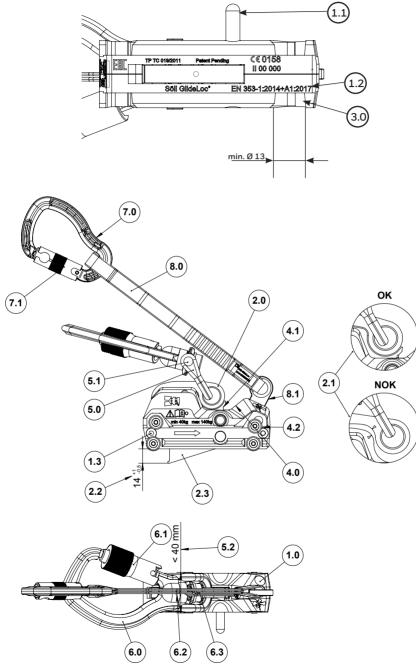
#### Karabiner (6.0; 7.0)

- The karabiner is not bent or broken!
- It doesn't have cracks or other damages
- The gate (6.1/7.1) must not be damaged and needs to be working well; it has to close and lock automatically after releasing by hand
- The locking pin (6.2) is in place
- The special nut (6.3) is not damaged

- Unit textile strap ring (8.0; 8.1)
   Textile strap (8.0) must be free from any kind of damages
- Free of extraneous materials such as concrete, paint or varnish
- Markings (e.g. pen markings or stickers) are not allowed
- Ring (8.1) is not bent or damaged
- The ring (8.1) must be able to move easily
- After maximum 10 years the textile strap has to be replaced by the manufacturer

Space for comments	

Fig.7



EN/ Notified body having carried out the EU test of type. /BG/ Нотифициран орган, който провежда EC изпитване на тип: /CS/ Oznámený orgán, který provedl οργανισμός ο οποίος διενήργησε τη δοκιμή τύπου ΕΕ: /ES/Organismo notificado que ha realizado el examen UE de tipo: /E1/Teavitatud asutus. mis tegi Ε1-trüu-

☑ DEKRA Testing and Certification - n°0158 Test lab oratory for Component Safety Djnnendahlstr. 9 - 44809 Bochum - Germany Derwachung der Produktion beteiligt ist (Modul C2). /EL/: Κοινοποιημένος οργανισμός που συμμετέχει στην παρακολούθηση της παραγωγής (ενότητα C2) ✓ DEKRA Testing and Certification - n°0158

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https://doc.honeywellsafety.com

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