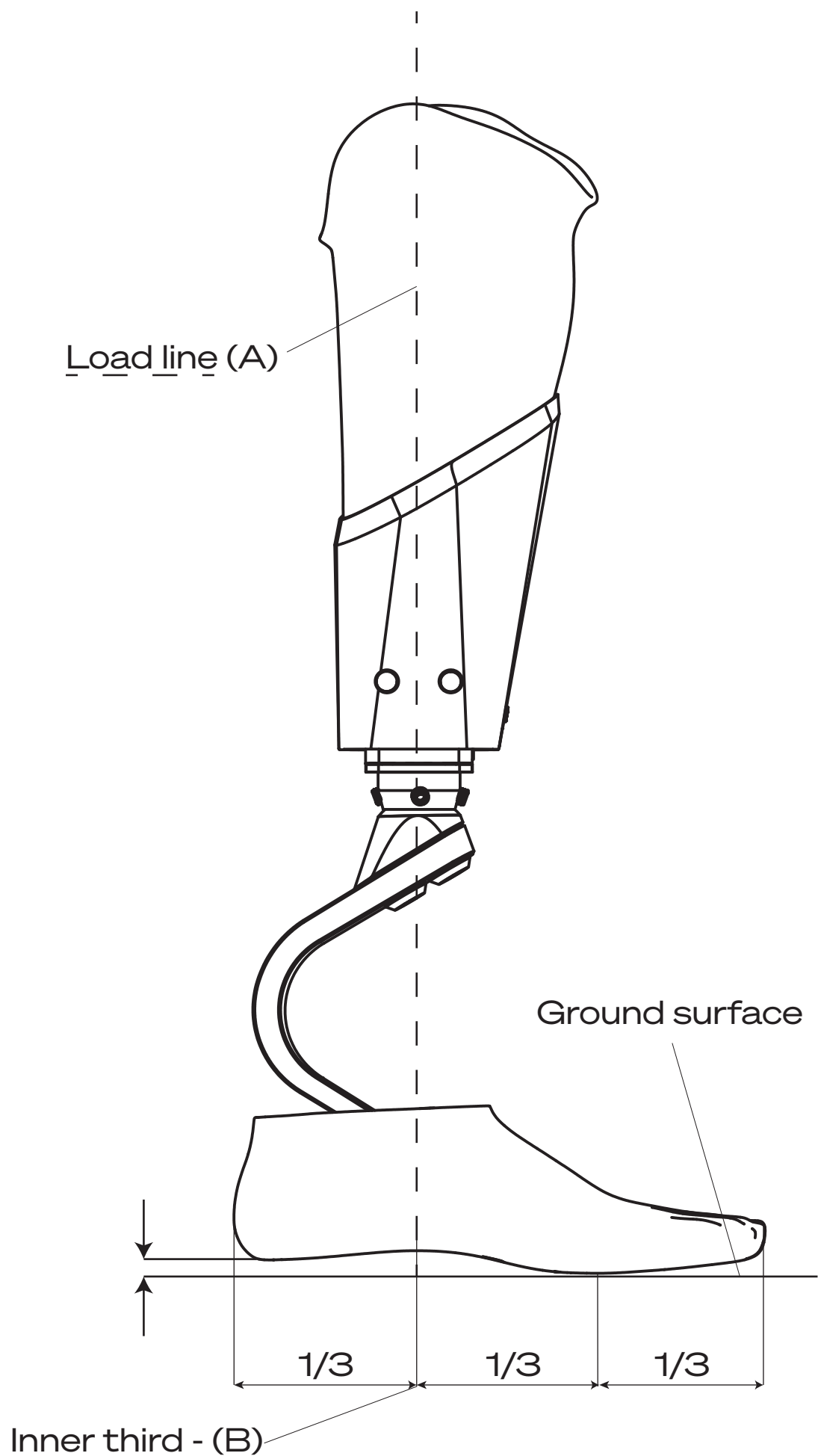


# **Levitate Forever Foot I & II User Manual**

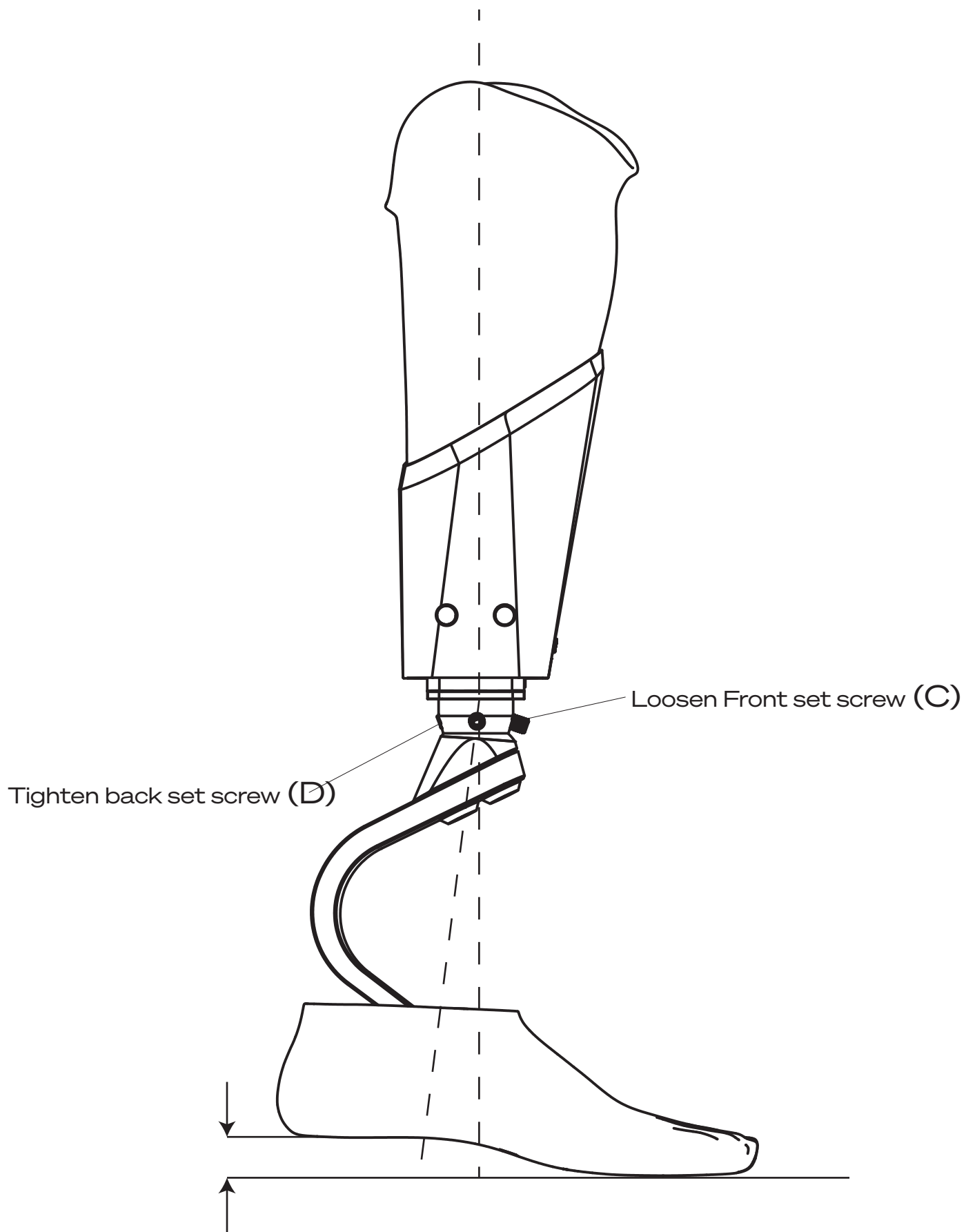


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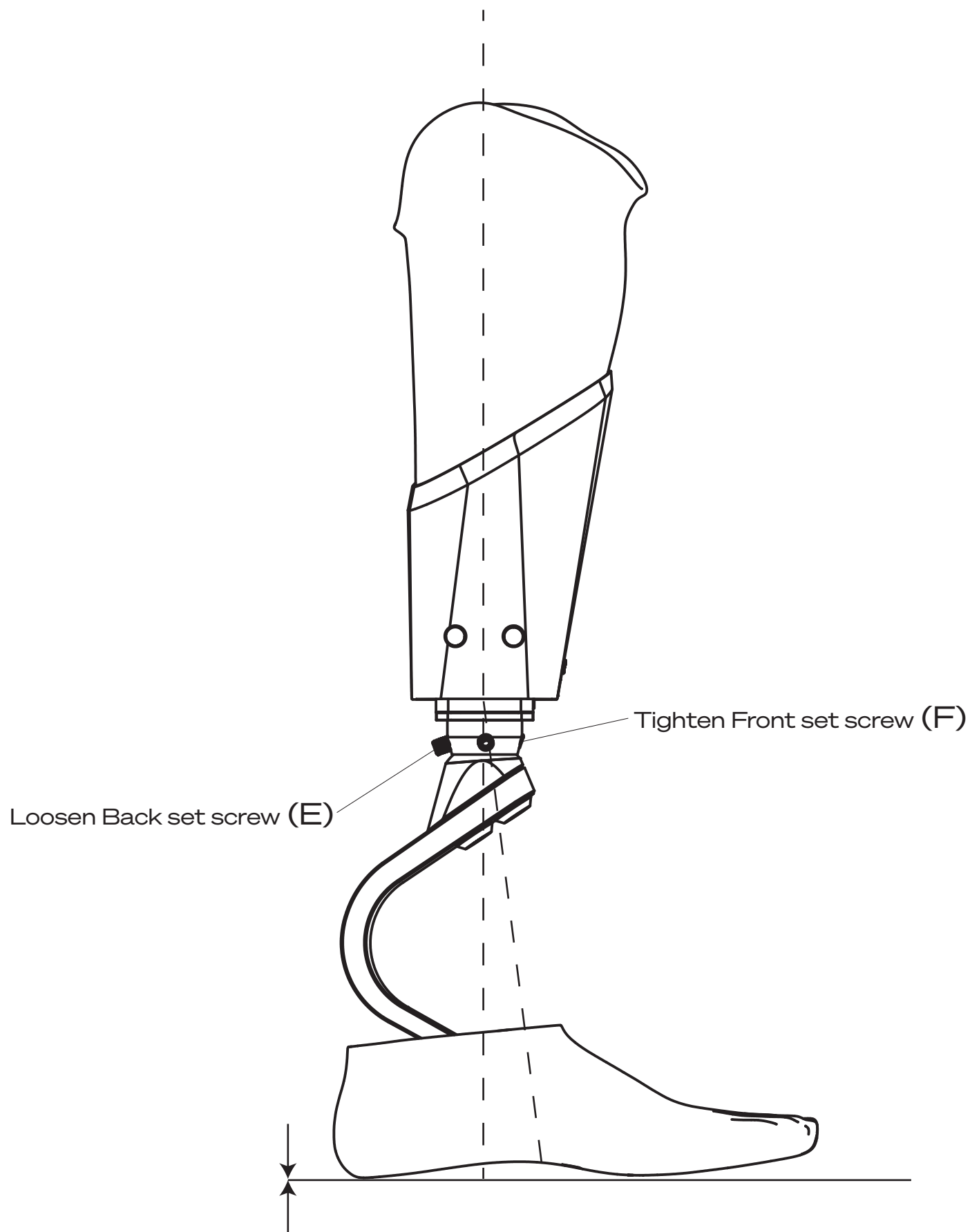
Figure 1 - basic setup



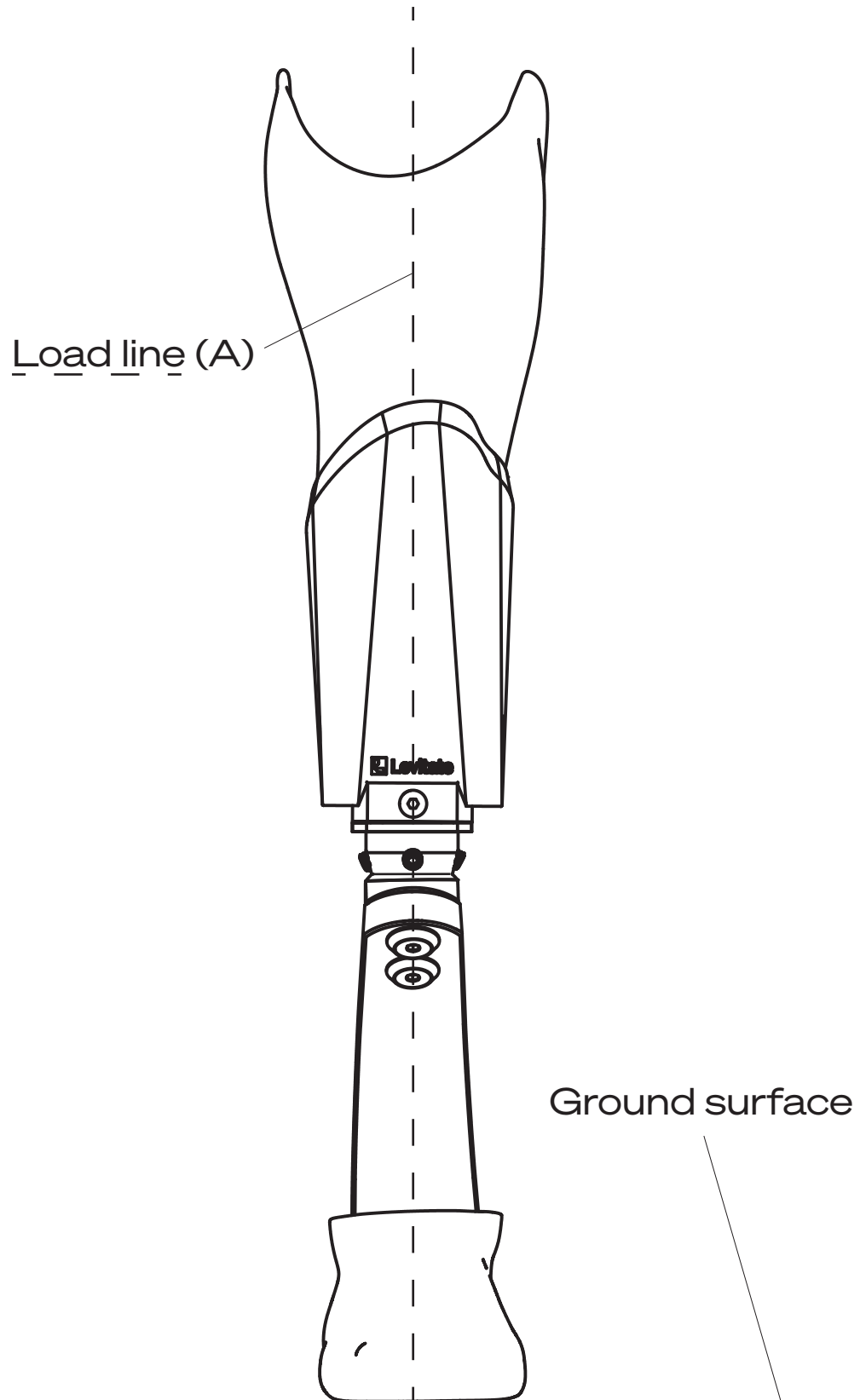
# Figure 2 - Raising heel height



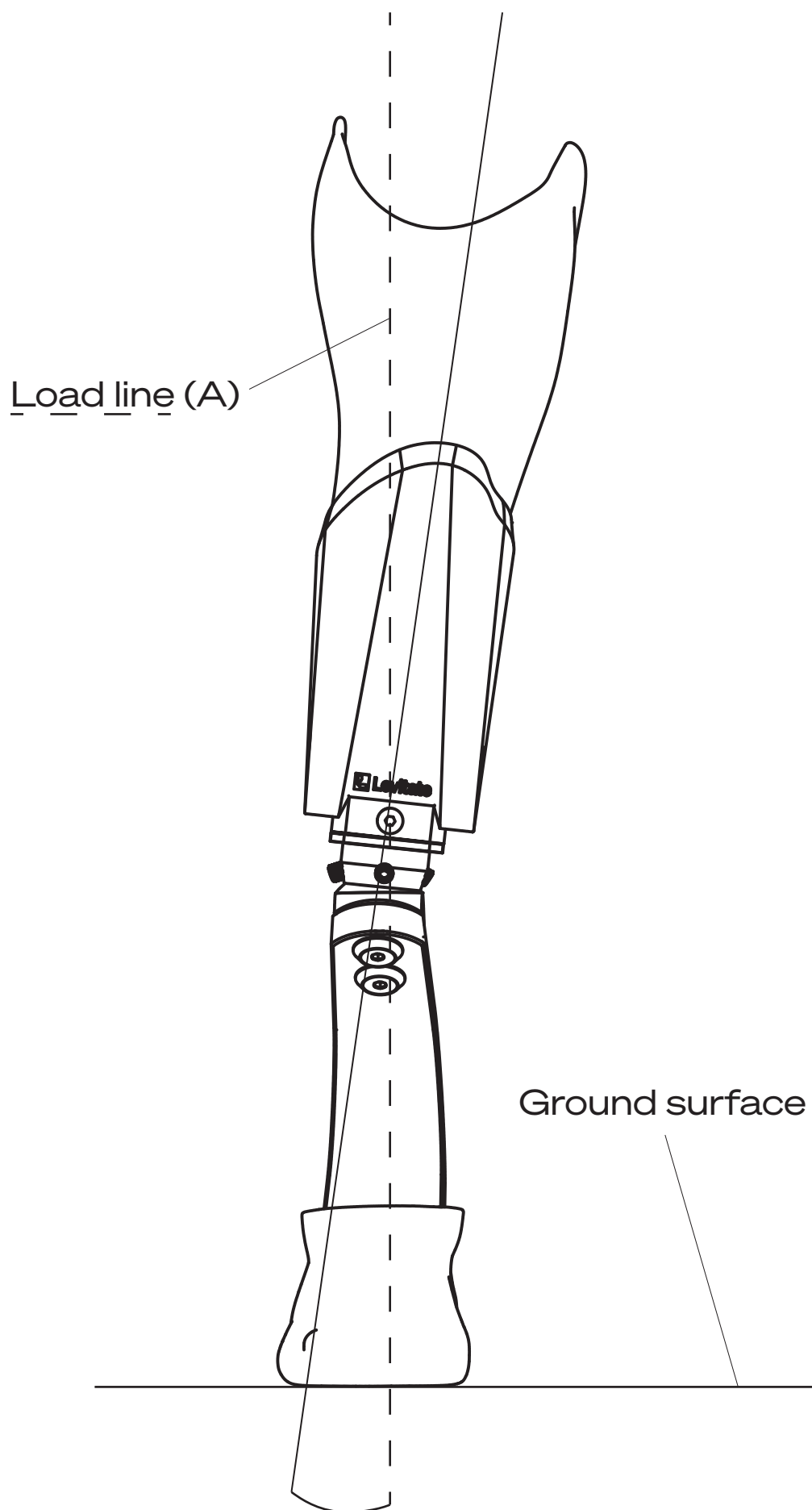
# Figure 3 - Lowering heel height



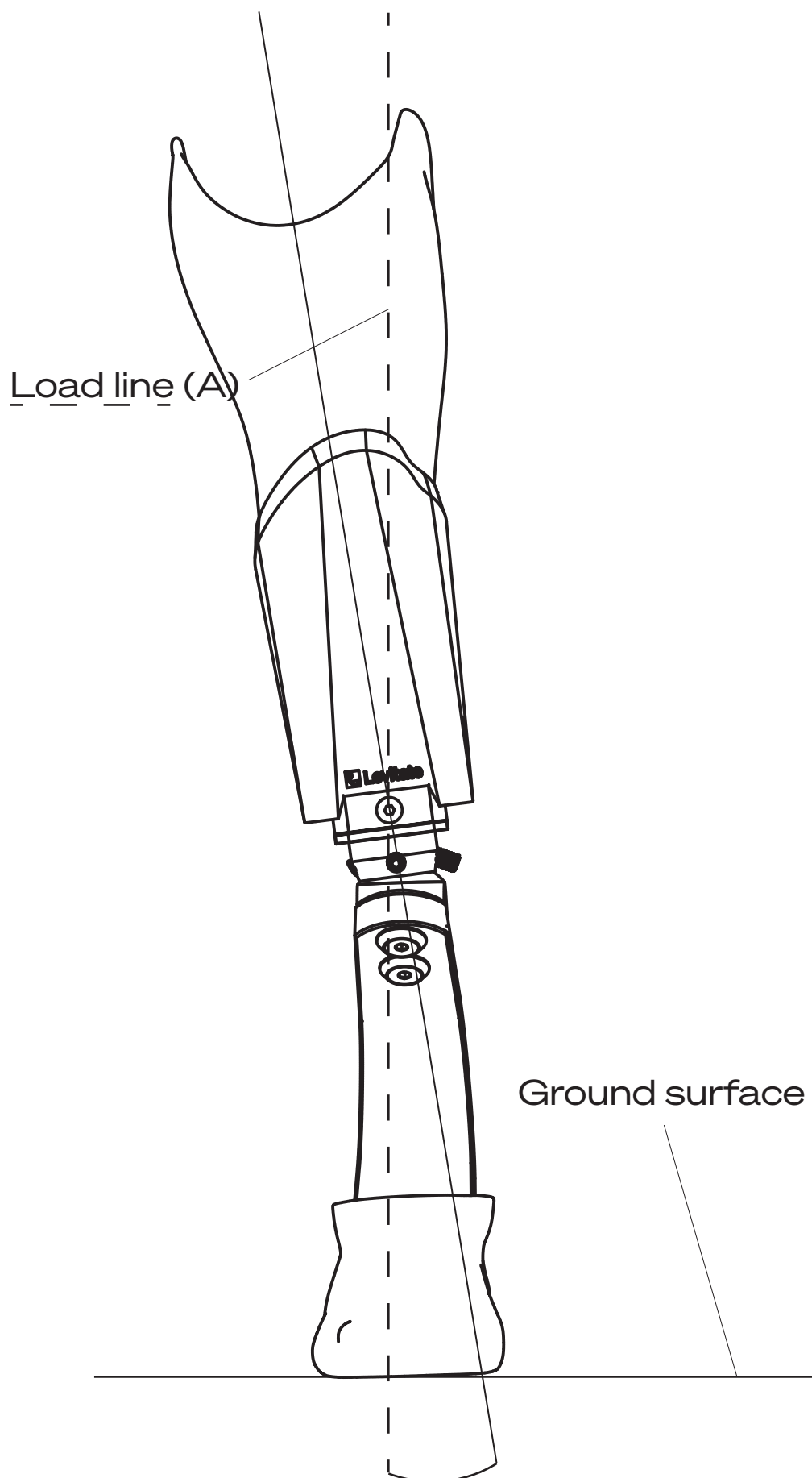
# Figure 4 - Basic setup



# Figure 5 - Adjustement outward



# Figure 6 - Adjustment inward



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<b>CE</b> 2023	<b>Levitate Forever Foot I &amp; II</b> Instructions for use	574500024003
<b>Information</b> <ul style="list-style-type: none"> <li>• Please read this document carefully before using the product</li> <li>• Please follow the instructions to avoid injuries or accidents.</li> <li>• Please follow the mounting and configuration instructions carefully</li> <li>• Keep this information safe</li> </ul>		

## General information

The Levitate Forever Foot I & II is crafted and tailored to accommodate particular user weights. If the weight guidelines are not adhered to, or if the user engages in activities like heavy lifting, high impact sports, or abusive actions that could potentially harm the natural limb, the warranty may be voided.

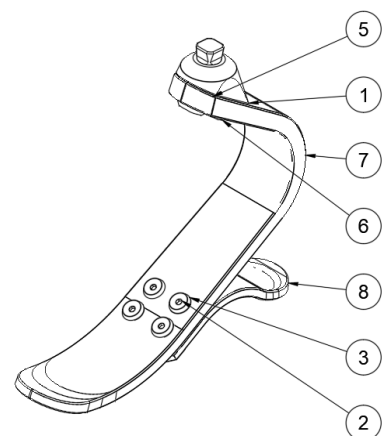
- Before using the Levitate Forever Foot, please read these instructions or the video IFU prior to fitting to ensure the proper integration of the Forever Foot into the user's prosthetic system.
- The stiffness of the foot depends on the user's weight and activity level. To ensure the right foot is selected, please provide accurate user information.

## Components

The Levitate Forever Foot is a prosthetic foot with a pyramid male adapter. It is composed of two different fiberglass components.

The device embodies the below mentioned components.

1. Pyramid Male Adapter
2. M6 Bolts
3. M6 Washers
4. M6 Connectors
5. M8 Bolts
6. M8 Washers
7. Top Composite Part
8. Bottom Composite Part



## Product specifications

- Standard build height: (6.7 inches / 17 cm, 9.05 inches / 23 cm)
- Rated for users up to 125 kg
- Weight: 550 g for size 26 cm
- Moderate to very high active levels
- Material: Fiberglass

## Intended use:

The Levitate Forever Foot is engineered to serve as a viable substitute for the ankle mechanism in the absence of a lower limb. It is specifically designed to cater to individuals who have undergone either bilateral or unilateral transfemoral, transtibial, or knee disarticulation amputations. This advanced prosthetic component is an integral part of a comprehensive system including a socket, which, if deemed necessary a knee component as well.

## Indications for use

- Lower limb loss, amputation or deficiency
- For people with no other contraindications
- For people with low impact to high impact and periodic running

## General safety

The reader of this manual should read it carefully and understand everything in order to use the device safely. If the reader should have any questions in regards to the product, please do not hesitate to contact the manufacturer. **Warning:** If there should be any change or loss in functionality of the product. Such as cracking sounds or less energy return. Please stop using the product immediately and contact the manufacturer.

## Device selection

The device is designed in different categories and sizes in order to accommodate various body differences such as weight, foot size and type of amputation. \*bi-laterals might need to go up one category.

## Category table

Weight kg	40-70	70-90	90-110	110-130	130-150
Weight lbs	88-155	155-199	199-243	243-286	286-330
<b>Low impact category</b>					
<b>Size 22-24</b>	1	2	3	N/a	N/a
<b>Size 25-27</b>	1	2	3	4	5
<b>Size 28-30</b>	N/a	2	3	4	5
<b>Moderate impact category</b>					
<b>Size 22-24</b>	2	3	4	5	N/a
<b>Size 25-27</b>	2	3	4	5	5
<b>Size 28-30</b>	2	3	4	5	5
<b>High Impact category</b>					
<b>Size 22-24</b>	2	3	4	N/a	N/a
<b>Size 25-27</b>	2	3	4	5	5
<b>Size 28-30</b>	2	3	4	5	5

# Installation

Important Notice: Any deviation from the installation instructions or alterations to the foot's design will result in the voiding of the product warranty. Moreover, such actions may lead to product failure and pose a risk of injury to the user. Therefore, it is crucial to strictly adhere to the provided installation guidelines to ensure both product performance and user safety.

## Basic installation setup

The basic setup is carried out without wearing shoes on your feet. Take a look at **Figure 1** and **Figure 4** before initiating the installation process. Loosen all four set screws on the female pyramid adapter. Place the Levitate Forever foot into the female adapter linked to your socket. Carefully tighten all four set screws at the same time until the foot is oriented in such a way that the Load Line **(A)** aligns with the inner third of the foot cover **(B)** - as shown in **Figure 1** simultaneously look at **Figure 4** and align the foot so the load line in the socket is parallel to the load line in the forever foot.

## Adjustment for different shoes

Shoes come with varying heel heights. Some have minimal differences in sole height, while others, like many running shoes, feature a tall heel. Regardless of the case, the Forever Foot can be easily adjusted to accommodate these differences, ensuring the utmost comfort during use.

## The basic shoe setup

Take a look at **Figure 1**. Orient the foot in such a way that the Load Line **(A)** aligns with the inner third of the foot cover **(B)**, taking into account external foot rotation, while the foot cover and shoe are worn. Take into consideration that the heel height is different from shoe to shoe.

## Setup for shoes with taller heels

Take a look at **Figure 2** illustrates the necessary steps when wearing shoes with taller heels than average. To properly align the foot, start by loosening all four set screws slightly. Then, carefully and gradually unscrew the front set screw **(C)** to the appropriate extent, without fully unscrewing it. Finally, proceed to tighten the back set screw **(D)** and the remaining set screws on the side.

## Setup for shoes with minimal heel height

Look at **Figure 3** In the case of wearing a flat shoe without a heel, adjusting the height can be done by carefully and gradually unscrewing the back set screw **(E)** . Proceed to tighten the front set screw **(F)** and then the remaining set screws, the overall heel height of the shoe will be lowered.

## Making sure the height is correct

When examining yourself in the mirror or with assistance from a friend or family member, position both hands on your hips. Either gaze into the mirror or have your companion observe you. Ensure that the line formed by your hands is parallel to the ground. If the hip on the side of your prosthetic device is higher than the other hip, you should adjust your prosthetic foot downwards. Conversely, if the hip on the side of the prosthetic device is lower, you need to raise the prosthetic foot until the line between your hands is parallel to the ground surface.

NOTE: When using a prosthetic knee, align it following the provided instructions, and employ suitable adapters to connect the socket to the prosthesis.

## Dynamic adjustments

While walking back and forth, make sure to carefully assess the comfort of the prosthetic. If you experience any discomfort adjust accordingly, but if you are having no sensations of discomfort at all it is recommended to wear the prosthetic for at least an hour to become accustomed to it - and to see if any uncomfortable sensations should come up. We also encourage you to play around with the alignment of the prosthetic foot to become more familiar with it.

If you find yourself tilting inward while walking or standing on the prosthetic, you should adjust the device outward. Refer to **Figure 5** for guidance. Loosen the set screw on the inside of the prosthetic (**G**) while simultaneously tightening the opposite screw on the outside (**H**).

Conversely, if you feel like you are tilting or leaning outward over the prosthetic, you should align it inward. To do this, loosen the set screw on the outside or the side away from your body (**i**), and tighten the opposite set screw on the inside of the device (**J**), as illustrated in **Figure 6**.

## Changing - Foot Cover

**Note:** The Levitate Forever Foot I & II is delivered with the foot cover on the prosthetic. Below you will find a guide on how to remove and change the foot cover. **NB:** Use a shoehorn to remove the to avoid pinching fingers between the cover and the prosthetic foot.

### Follow these steps:

1. Jam shoe horn in between the inside of the heel in the foot cover and the back end of the heel plate on the prosthetic device.
2. Push the shoehorn away from the heel, until the cover comes off
3. Pull the cover off from the front of the prosthetic
4. Check to see if the nylon sock is intact. If not, change it.
5. Take the new foot cover and stick the front of the prosthetic foot as far as you can inside the foot cover.
6. Take the shoe horn and jam it in between the inside of the heel in the foot cover and the back end of the heel plate on the prosthetic device.
7. Now pry the back of the cover around the heel plate on the prosthetic.
8. Finally remove the shoe horn and make sure that the cover is connected correctly.

## Usage:

### Cleaning and Maintenance:

To ensure proper hygiene and care, clean the device using a damp cloth and a mild soap. After cleaning, it is essential to dry the device thoroughly using a cloth.

### Environmental Conditions:

The device is engineered to be waterproof, allowing it to be utilized in wet or humid environments. It can withstand submersion in water up to a depth of 3 meters for a maximum duration of 1 hour. It exhibits tolerance towards contact with various substances, including salt water, chlorinated water, perspiration, urine, and mild soaps. Furthermore, it can handle occasional exposure to sand, dust, and dirt; however, prolonged exposure to these elements should be avoided.

After coming into contact with fresh water or humidity, it is advisable to dry the device, foot cover, and nylon sock using a cloth. Additionally, in cases where the device has been wet, it is recommended to remove the foot cover and nylon sock, rinse all three components, and thoroughly dry them before reassembling. This maintenance practice ensures the proper functioning and durability of the device.

In instances where the device has encountered other liquids, chemicals, sand, dust, or dirt, it should be cleaned with fresh water, followed by drying with a cloth.

By following these guidelines, the device can be effectively maintained and kept in optimal condition for extended use.

## Warnings

- ⚠ This product is not intended for activities that applies an excessive overload to the product, such as jumping from significant heights or using it beyond its service life.
- ⚠ The product is not suitable as a replacement for your everyday prosthetic
- ⚠ Do not fasten the bolts more or less than as advised.
- ⚠ Check the running blade regular after use for visual flaws and to make sure all bolts and nuts are fastened correctly.
- ⚠ Do not modify the product (Trimming, drilling, sanding, etc.)
- ⚠ Do not expose the blade to fire or other heat source
- ⚠ Never use the product without the provided sole
- ⚠ Do not sell this product as second-hand.

## Maintenance

- Check the components regularly
- In case of any clicking noises please tighten all the screws on the device, in case of continuously clicking noises, please contact the manufacturer
- In case of any damage or loss of function, please contact the manufacturer
- In case of loss of functionality, do not try to modify the product or components other than specified in the installation and alignment manual

## Storage

Temperature range -10°C to +60°C

Humidity range 0% to 90%

## Disposal

The product should be disposed of in accordance with the country where it is being disposed. Please contact the local responsible authorities to make sure to dispose of the product in an environmentally friendly manner.

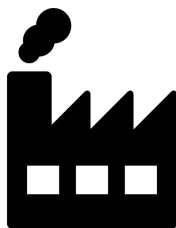
## Service life

If the product has been used and taken care of as described in these instructions the service life of the product should be at least 1 year.

## Regulatory information

This product is a medical device and is CE marked in compliance with the Regulation (EU) 2017/745

## Name and address of the manufacturer



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