

TECHNICAL INSTRUCTIONS



With an innovative multiple spring design, the Soleus produces natural movement, smooth transition and superior range of motion. Involving the entire foot in absorbing and returning energy, the Soleus accommodates a moderate to the most active lifestyle.

Warranty Inspection and Maintenance Information

College Park recommends that you schedule your patients for check-ups according to the warranty Inspection schedule below.

High patient weight and/or impact level may require more frequent inspections. We recommend you visually inspect the following applicable parts for excessive wear and fatigue at each warranty inspection.

- Composites and Adaptor
- CPI Sock
- Foot Shell

WARRANTY INSPECTION SCHEDULE FOR SOLEUS: ANNUALLY.

Technical Assistance / Emergency Service 24/7/365

College Park's regular office hours are Monday thru Friday, 8:30 AM – 5:30 PM (EST). After hours, an emergency Technical Service number is available to contact a College Park representative.



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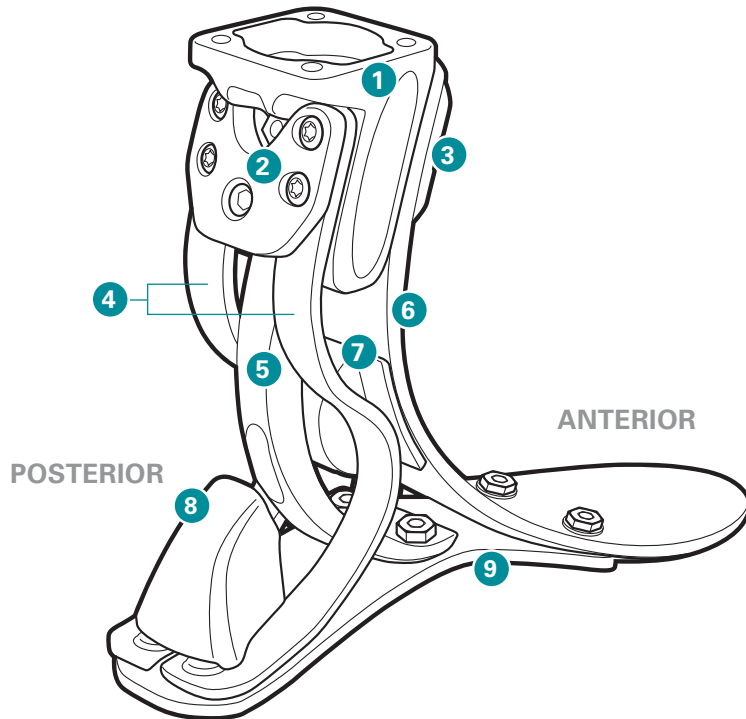
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PACKAGE CONTENTS	TOOLS REQUIRED
(1) Soleus Foot (Gold or Silver) (1) Foot Shell (1) Cosmetic Attachment Plate (1) CPI Sock (1) 4-Hole Fastener Kit	(1) 4mm Hex Key RECOMMENDED FootHorn™

FOOT COMPONENTS

This diagram is to help familiarize you with the unique parts of the Soleus. These parts are referenced in the instructions, used in assembling the foot or when speaking with a technical service representative.



COMPONENTS

- | | |
|---------------------|--------------------|
| 1 Housing | 7 Mid Bumper |
| 2 Heel Spring Plate | 8 Heel Bumper |
| 3 Toe Spring Plate | 9 Belting Material |
| 4 Heel Springs | |
| 5 Mid Spring | |
| 6 Toe Spring | |

WARNING

- Do not expose this product to corrosive materials, salt water or pH extremes.
- Failure to follow these technical instructions or use of this product outside the scope of its Limited Warranty may result in injury to the patient or damage to the product.

GENERAL INSTRUCTIONS

Mounting

Use only high quality proximal endoskeletal components. Use of mounting fasteners other than those provided will void the warranty.

Assembly and Disassembly (for sock replacement)

Use the FootHorn to don and doff the foot shell. Remove the CPI Sock and replace as needed. Any further disassembly or modification of components will void the warranty.

Static Alignment

For optimal function have the patient's weight balanced between the forefoot and heel. The load line divides the foot at 1/3 heel lever.

Dynamic Adjustments

DESIRED RESULT	ALIGNMENT CHANGE
Firmer Toe Response	Plantarflex the Soleus or move load line posterior
Softer Toe Response	Dorsiflex the Soleus or move load line anterior
Firmer Heel Response	Dorsiflex the Soleus or move load line anterior
Softer Heel Response	Plantarflex the Soleus or move load line posterior

Mounting Fastener Guidelines

Fastener length will vary with adapter choice. M6 x 16mm fasteners are for use with rotatable adapters, while M6 x 14mm fasteners are for use with non-rotatable adapters.

FASTENER SELECTION	POTENTIAL RESULT
Thread length too short	Inadequate thread engagement
Thread length too long	Bottoming-out or binding

CAUTION

- Apply Loctite® 242® on all fastener threads.
- Torque evenly to 12 N·m (8.8 ft·lbs).

Failure to follow these guidelines may result in one or all of the following: noise, movement, damage, and catastrophic failure.

Gait Matching® Guidelines

Contact College Park Technical Service if you have questions about modifying the gait match.