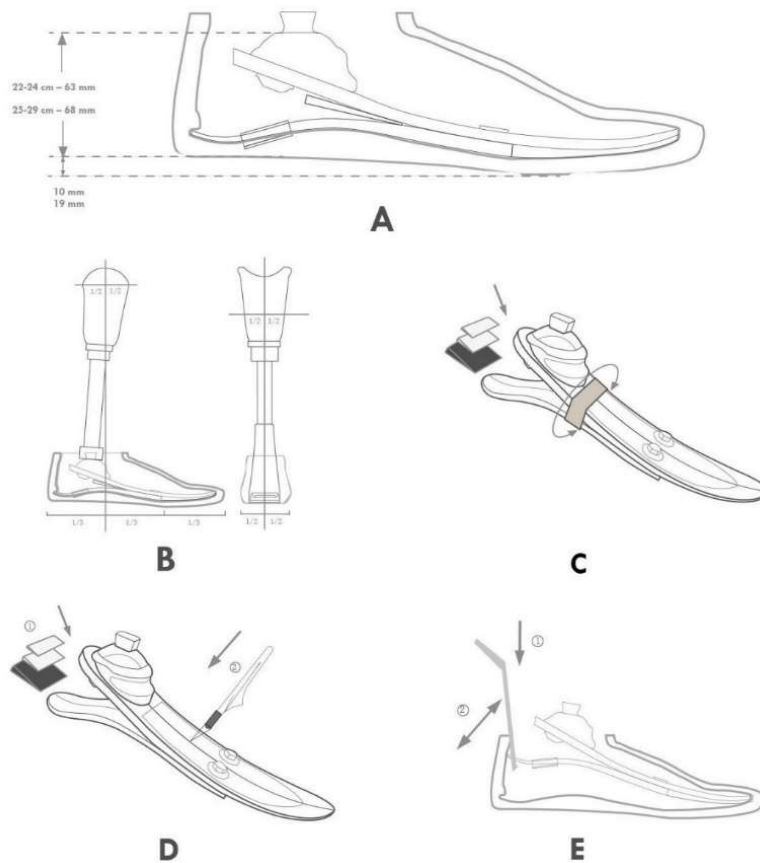


LP Endurance - 1115



LP Endurance Foot Contents:

Carbon Foot Module

Spectra Sock

Heel Wedges (Thin, Medium, Thick)

Plantar Toe Cushion

Heel Divider

Foot Shell

Warning:

The Endurance LP is designed for users with long residual limbs that do not have enough clearance for the Endurance. Patient should be instructed to return to their prosthetist immediately if they notice any unusual noise, motion, or change in performance that may occur from what could be a damaged module.

Warranty can be void due to: Unusual usage or abuse (ex. excessive dusty environmental usage), Tampering with any fasteners, Modification to the module such as sanding or damaging the finish, patient weight too close to weight limit of foot module (we recommend a 20-25 lb. buffer).

Inspection: Biannual interval of the Endurance is recommended: Check for corrosion, sign of wear, or damage of the bolts, spectra sock, and of the foot module or associated parts.

BENCH ALIGNMENT (Diagram B)

- Fit foot with selected cover.
- Adjust to appropriate heel height (using the shoe).
- Introduce appropriate socket angles flexion/ extension and abduction/adduction.
- Divide the foot cover length into 3 equal portions.
- The load line should fall at the junction of the posterior and the middle third portions as shown in the diagram.

DYNAMIC ALIGNMENT

The heel stores energy after initial contact, slowly releasing it at midstance.

The forward momentum generated by this action results in the toe being loaded for optimum energy release at terminal stance.

The heel to toe action can be influenced by:

- A-P positioning of foot
- Dorsi-Plantarflexion
- Heel Stiffness

HEEL STIFFNESS

Heel too soft Symptoms:

- Foot will come to flat position too early (amputee feels he/she is sinking into a hole).
- Extra energy is required to climb up over the toe.
- Toe will feel too stiff.
- Knee may hyperextend.

Action:

- Add polyurethane heel wedge.

- Shift socket anterior (or foot posterior).

Heel too hard Symptoms

- Rapid heel to toe movement
- At initial contact the amputee has poor control of his prosthesis
- Minimal energy return feeling
- Knee may become unstable

Action

- Replace heel wedge with a smaller one.
- Shift socket posterior or foot anterior.

Temporary wedge placement:

Cut the heel wedge to the same width of the carbon foot.

Roughen the upper and lower part of the wedge with abrasive paper, then place wedge in the space between forefoot module and heel module.

Use tape to wrap around the foot module to retain the wedge. (Diagram C)

Permanent wedge placement:

Cut the wedge to the same width of the carbon foot.

Place the Wedge between the forefoot module and heel module, and apply glue only to the upper part of the wedge, then insert to apply to the forefoot module.

The wedge will need to be cut in half so that the split toe can move freely. (Diagram D).

Heel Divider:

Place the Heel Divider in the middle of the posterior third part of the heel module (as seen in Diagram A).

Toe Cushion:

Shape the Toe Cushion to match the forefoot module. Glue and apply under the toe section, and split the Toe Cushion to match the forefoot module.

Spectra Sock:

Apply the sock onto the Endurance foot module first, then slip fit it into the foot shell.

Foot Shell Removal Tool (Diagram E):

Use the Foot Shell Removal Tool to install or remove foot shell to the Endurance foot module.

The Longer side is for installation, while the shorter side if for removal.

Care should be taken to prevent damaging the carbon heel module.

Note: Tampering with the pyramid attachment bolts will void the warranty of the product

WEATHERPROOF A weatherproof device allows use in a wet and/or humid environment but does not allow submersion. Fresh water splashing against the enclosure from any direction shall have no harmful effect. Dry thoroughly after contact with fresh water. Fresh water: Includes tap water. Excludes salt and chlorinated water.

Contact with dusty environment should require follow up to ensure that foot shell is clean of debris so as not to prematurely damage the foot module. Signs of abuse or dusty environment will void warranty.

Foot shell and Spectra sock should not be exposed to extreme and continuous UV exposure, as it will prematurely fade and break down the material. Always use a covering such as a clean sock and shoes, and be sure to routinely change the sock so as to keep the enclosed environment clean and debris free.

STORAGE Operating & Storage Temperature Range: 10°C to 50°C (14°F to 122°F)
Allowable relative humidity 0 % to 90 %, non-condensing
Store away from UV exposure



LIABILITY The manufacturer recommends using the device only under the specified conditions and for the intended purposes. The device must be maintained according to the instructions for use. The manufacturer is not liable for damage caused by component combinations that were not authorized by the manufacturer.

CE Conformity

This product meets the requirements Council EU 2017/1745 (MDR) for medical products. This product has been classified as a class I product according to the classification criteria outlined in appendix IX of the guidelines. Please keep this manual in safe place for future use.

Useful Life

Service life of the product is covered by the warranty period.

Disposal

The device and its packaging must be disposed of in accordance with respective national/local environmental regulations.

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