



SPL2

Swing Phase Lock 2

Fillauer®

Swing Phase Lock 2

Developed by Basko Healthcare, the Swing Phase Lock 2 (SPL2) uses a simple internal pendulum mechanism to lock and unlock the knee depending on the angle of the joint in the sagittal plane. During gait, the device locks just prior to heel strike for support during stance and unlocks the knee at heel off in preparation for swing. This action is intended to mimic the normal physiologic action of the knee extensors. Because the mechanism is position dependent, it does not rely on heel loading or cabling as in other designs. This allows for a more normal gait pattern and helps prevent circumduction or hip hiking commonly seen in standard KAFOs.

Product Features

- Enhanced position dependent pendulum design
- Multiple locking positions for tentative gait
- Added free motion feature
- Easy fabrication with minimal follow-up maintenance
- Works with any orthotic ankle design
- Only design available for use as a rehab knee orthosis
- Bilateral or unilateral uprights for easy donning

Swing Phase Lock Kits

IQ Swing Phase Lock 2 Kit includes the SPL2 Joint, SPC Joint, and Satellite (remote control)

- IQ200L** IQ Swing Phase Lock 2 Kit, Left
- IQ200R** IQ Swing Phase Lock 2 Kit, Right
- IQ250L** IQ Unilateral Swing Phase Lock 2 Kit, Left
- IQ250R** IQ Unilateral Swing Phase Lock 2 Kit, Right

Upright Kits

- 023516** Swing Lock Upright Kit, AL $\frac{3}{16} \times \frac{3}{4}$ in.
- 023616** Swing Lock Upright Kit, SS $\frac{3}{16} \times \frac{3}{4}$ in.

Polycar-C™

- 076630** PolyCar-C™ Insert, .060 Small, pair
- 076632** PolyCar-C™ Insert, .090 Med, pair
- 076634** PolyCar-C™ Insert, .090 Large, pair
- 076636** PolyCar-C™ Insert, .125 XL, pair
- 020803** Pre-cut PolyCar-C™, Large

Carbon also available

Ankle Joints

- 020886** Double Action, SS, Large, $\frac{3}{4}$ in. channel
- 020888** Double Action with Positioning Pins, SS, Large, $\frac{3}{4}$ in. channel
- 020882** Double Action, SS, Large, $\frac{5}{8}$ in. channel
- 020884** Double Action with Positioning Pins, SS, Large, $\frac{5}{8}$ in. channel

Indications

- Post-polio
- Spinal involvement
- Cerebral vascular accident
- Peripheral paresis/paralysis
- Nerve inflammations
- Neurological failures
- Myopathies
- Multiple sclerosis or similar diseases

Contraindications

- Knee flexion contractures $> 10^\circ$
- Central paresis/paralysis
- Hip flexion contracture
- Weight bearing orthotic applications

Warranty Period

- 1 year warranty



Insert Stirrups for Plastic Orthotics

- 020099** Insert Stirrup, Limited Motion, $2 \frac{5}{16}$ in.
- 020115** Insert Stirrup, Limited Motion, $2 \frac{3}{4}$ in.
- 020123** Insert Stirrup, Toe Lift, $2 \frac{5}{16}$ in.
- 020149** Insert Stirrup, Toe Lift, $2 \frac{3}{4}$ in.
- 020094** Insert Stirrup, Double Action, $2 \frac{3}{4}$ in.
- 020016** Offset Stirrup, Limited, $2 \frac{1}{4} \times \frac{3}{8}$ in.
- 020024** Offset Stirrup, Limited, $2 \frac{1}{4} \times \frac{1}{2}$ in.
- 020032** Offset Stirrup, Limited, $2 \frac{1}{2} \times \frac{3}{8}$ in.
- 020040** Offset Stirrup, Limited, $2 \frac{1}{2} \times \frac{1}{2}$ in.
- 020057** Offset Stirrup, Toe Lift, $2 \frac{1}{4} \times \frac{3}{8}$ in.
- 020065** Offset Stirrup, Toe Lift, $2 \frac{1}{4} \times \frac{1}{2}$ in.
- 020073** Offset Stirrup, Toe Lift, $2 \frac{1}{2} \times \frac{3}{8}$ in.
- 020081** Offset Stirrup, Toe Lift, $2 \frac{1}{2} \times \frac{1}{2}$ in.

Fabrication Kit

- IQ150** Alignment Kit

SPL2 Clinical Trial Orthosis

This innovative product allows the user the opportunity to wear and see the benefits of the Fillauer SPL2 Orthotic Knee Joint prior to purchase. The CTO is easily adjustable for a wide variety of body types and knee centers.

- 023902** SPL2 Clinical Trail Orthosis, Left
- 023903** SPL2 Clinical Trail Orthosis, Right

U.S. Patent 6979304

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AD365/06-06-17