

# Swing Phase Lock 2 (SPL2) Custom Order Form



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Company

Practitioner

Account No.

Phone

Address Line 1

Email

Address Line 2

Purchase Order

City, State, Zip

Patient ID

## Preliminary Intake

	Measurement	Indicated	Call Fillauer (Code to Proceed)	Not Indicated
Height	<input type="checkbox"/> in. <input type="checkbox"/> cm			
Body weight plus average weight of frequently carried items over 20 lbs. <b>Higher patient weights increase likelihood of bar failure.</b>	<input type="checkbox"/> lbs. <input type="checkbox"/> kg	< 275 lbs. (125 kg)	275 – 350 lbs. (125 – 159 kg)	> 350 lbs. (159 kg)
Age				
Range of Motion	Measurement	Indicated	Call Fillauer	Not Indicated
Knee flexion contracture	°	< 10°		> 10°
Knee varus or valgus deformity	°	< 10°		> 10°
Genu recurvatum (Knee hyperextension)	°	< 10°		> 10°
Hip extension range	°	> 5°		< 5°
Manual Muscle Testing — Oxford Scale	Measurement	Indicated	Call Fillauer	Not Indicated
Ankle plantarflexion	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5			
Knee flexion	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5			
Knee extension	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5	≥ 2	1	0
Hip flexion	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5	≥ 2	1	0
Hip extension	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5	≥ 4	3	≤ 2
Contraindications		Indicated	Call Fillauer	Not Indicated
Thigh corset, ischial, or gluteal support for weight bearing needed	<input type="checkbox"/> Yes <input type="checkbox"/> No	No		Yes

## Thigh & Calf Options

	Standard Plastic	Standard TFC	Standard Metal
Patient Weight: ≤ 220 lbs. (100 kg) Height: ≤ 72 in. (183 cm) <b>Meets ALL criteria above</b>	<input type="checkbox"/> Single Upright <input type="checkbox"/> Double Knee, Lateral Ankle <input type="checkbox"/> Double Upright	<input type="checkbox"/> Single Upright <input type="checkbox"/> Double Knee, Lateral Ankle <input type="checkbox"/> Double Upright	<input type="checkbox"/> Single Upright <input type="checkbox"/> Double Knee, Lateral Ankle <input type="checkbox"/> Double Upright
Patient Weight: > 220 lbs. (100 kg) Height: > 72 in. (183 cm) <b>Meets ANY criteria above</b>	<input type="checkbox"/> Double Upright	<input type="checkbox"/> Double Upright	<input type="checkbox"/> Double Upright
	Standard Plastic	Standard TFC	Standard Metal
Thigh	<input type="checkbox"/> Posterior (Standard) <input type="checkbox"/> Anterior	<input type="checkbox"/> Posterior (Standard) <input type="checkbox"/> Anterior	<input type="checkbox"/> Posterior (Standard) <input type="checkbox"/> Anterior
Calf	Posterior Cuff	Posterior Cuff	Posterior Band
Flares	Thigh Proximal <input type="checkbox"/> Flared <input type="checkbox"/> Not Flared Thigh Distal <input type="checkbox"/> Flared <input type="checkbox"/> Not Flared Calf Proximal <input type="checkbox"/> Flared <input type="checkbox"/> Not Flared Calf Distal <input type="checkbox"/> Flared <input type="checkbox"/> Not Flared	Thigh Proximal <input type="checkbox"/> Flared <input type="checkbox"/> Not Flared Thigh Distal <input type="checkbox"/> Flared <input type="checkbox"/> Not Flared Calf Proximal <input type="checkbox"/> Flared <input type="checkbox"/> Not Flared Calf Distal <input type="checkbox"/> Flared <input type="checkbox"/> Not Flared	
Cosmetics	<input type="checkbox"/> Black (Standard) <input type="checkbox"/> White <input type="checkbox"/> Beige <input type="checkbox"/> Transfer Paper Friddles PN _____		<input type="checkbox"/> Black Leather (Standard) <input type="checkbox"/> White Leather <input type="checkbox"/> Brown Leather
Padding		<input type="checkbox"/> Velfoam <input type="checkbox"/> ½ in. Black AliPlast™	½ in. Black AliPlast™ on Proximal Cuff
Closures (2 Thigh and 1 Calf)	Black Dacron Straps with Velcro®	Black Dacron Straps with Velcro®	Black Dacron Straps with Velcro®

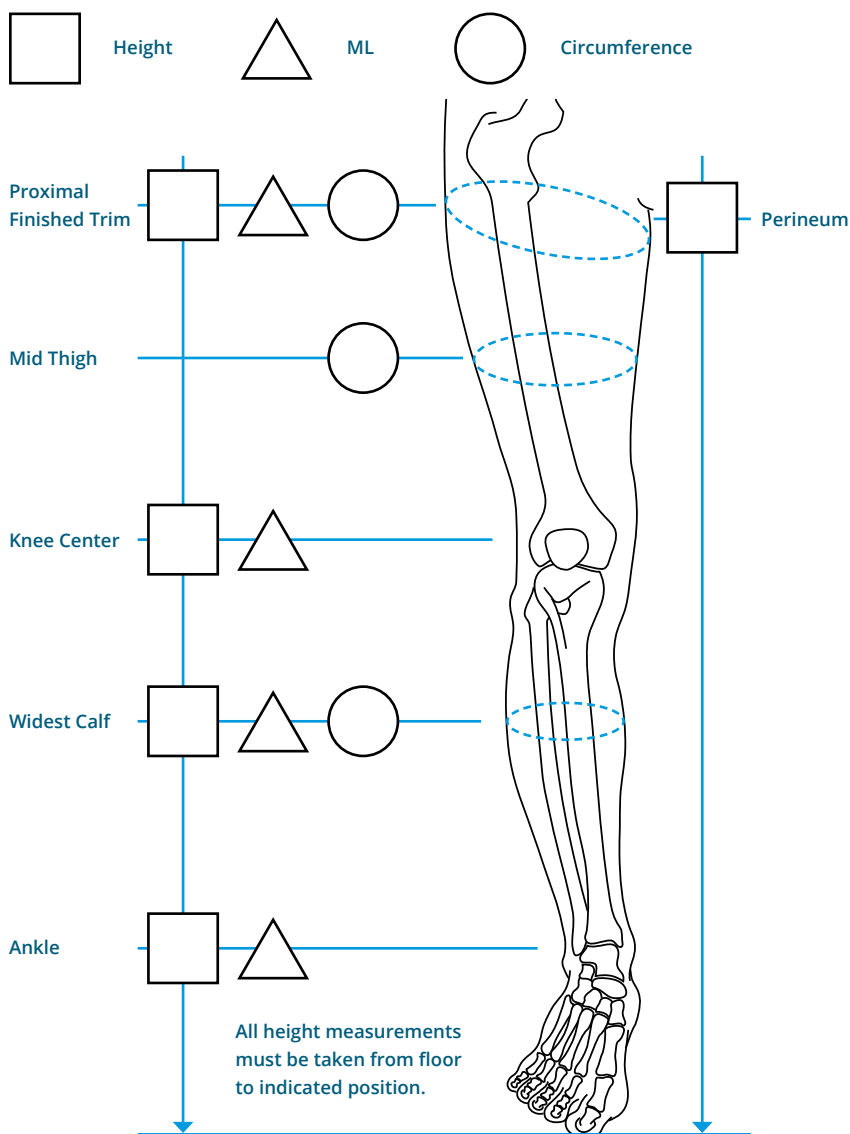
## Ankle Joints

Ankle Plantarflexion — Oxford Scale	Ankle Joint
1/5 – 3/5	<input type="checkbox"/> Double Action Joints (Standard) <input type="checkbox"/> Solid Ankle <input type="checkbox"/> Clinician Supplied (No Warranty)
4/5 – 5/5	<input type="checkbox"/> Double Action Joints (Standard) <input type="checkbox"/> Neutral Modular Dynamic AFO (Double Upright Knee Only) <input type="checkbox"/> No Ankle Joint <input type="checkbox"/> Free Motion <input type="checkbox"/> Clinician Supplied (No Warranty)

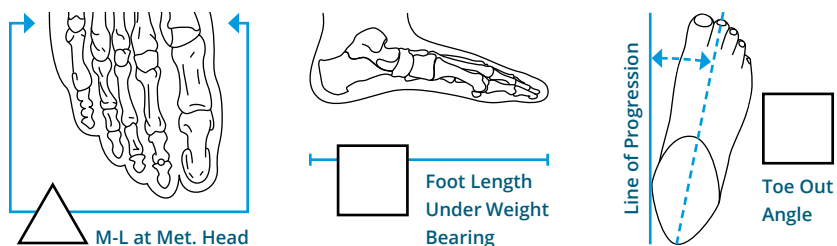
## Footplate

Footplate
<input type="checkbox"/> Plastic Footplate

All measurements MUST be provided, even when you are sending a cast.



## Foot Measurements



## Casting Requirements

Fillauer recommends a segmental casting technique with footboard.

1. Cast Foot and Ankle in desired position.
2. Cast Knee and Thigh in desired position while weight-bearing.

**IMPORTANT:** When casting, add 5° of knee flexion to the patient's full range of knee extension; this will allow proper locking and unlocking in the SPL2. This casting method will ensure the SPL2 always comes to full extension BEFORE the leg comes to full extension.

### Example:

- Patient Full extension at 0° - Cast at 5° Flexion
- Patient Full extension at 5° - Cast at 10° Flexion
- Patient Hyperextension at 5° - Cast at 0° Flexion

### To find knee center:

Divide approximately half the distance between the adductor tubercle and the medial tibial plateau (MTP) to find the mechanical knee center.

## Cast Mold Corrections

### Ankle

#### Specify up to 10°

- ☐ Please correct forefoot to \_\_\_\_\_
- ☐ Please correct hindfoot to \_\_\_\_\_
- ☐ No Corrections, casted in correct position

### Knee

#### Specify up to 10° extension reduction or 20° of flexion reduction

- ☐ Please correct, set knee hinges at 0°
- ☐ Please correct, set knee hinges at \_\_\_\_\_° of flexion
- ☐ No Corrections, set knee hinges at casted position

## Additional Instructions

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