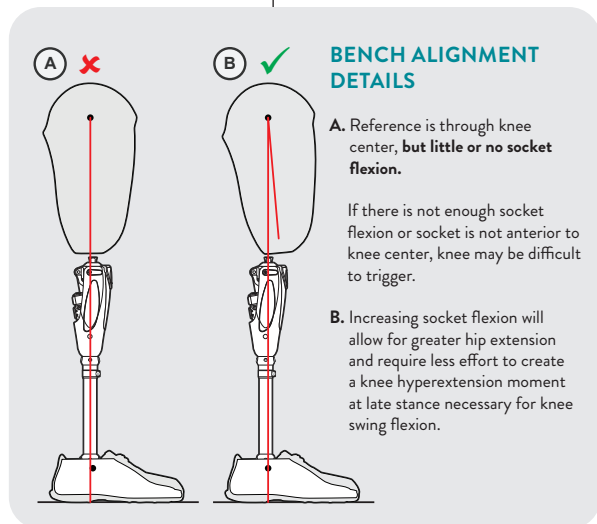
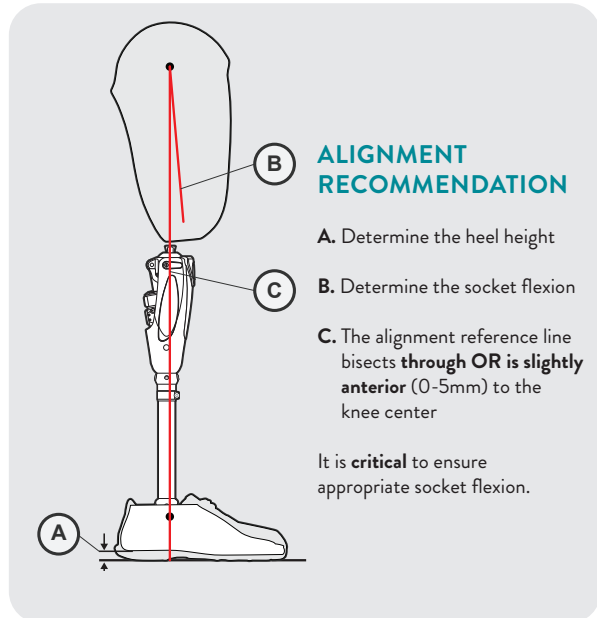


# Knee is not flexing or extending



## DYNAMIC ALIGNMENT - INITIATING SWING FLEXION

The Capital's hydraulic stance control **requires a toe load** to initiate swing: Hyperextend knee (apply weight on the toe), then *quickly* flex the hip.

- If hip flexion is not initiated quickly, the knee will remain in stance flexion resistance for stability.
- This action eliminates high stance resistance so that swing resistance remains independent.
- When properly aligned, little effort from hip flexors is required to initiate knee flexion.
- It is critical that the user has sufficient hip extension ROM to achieve knee hyperextension at late stance.

## Does the knee present any of these issues?

- Hydraulic oil leaks (visible leaks, "air" noises, loss of hydraulic function)
- Adjustment valve issues (stripped adjuster)
- Mode selector switch issues (can't lock/unlock knee)

Yes

No

## Check alignment

- Socket too posterior relative to knee
- Foot position is too posterior relative to knee and socket
- Insufficient hip extension ROM or socket flexion

## Assess gait (insufficient toe load)

- Not weight bearing through late stance
- Hip hiking habit
- Excessive dorsiflexion of foot

## Assess foot function

- Dorsiflexion stop on foot is too soft
- Shortened keel/reduced toe lever

## Assess hydraulic function

- "F" resistance is too high

## Did this solve the issue?

Yes

No

**Congratulations!**

**Call 1-800-728-7950  
and we will assist you  
further**