

Genium X4.

Trial fitting guide.



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This trial fitting guide does not replace the instructions for use.

Ensure that the user has been instructed on all relevant safety information and intended use before home testing.

ottobock.



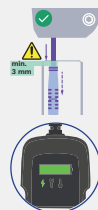
Tutorial
playlist



Trial fitting
guide

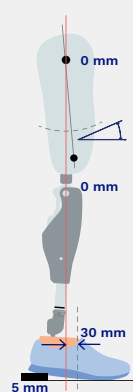
Fitting preparation

1. Connect the product cable to the cable of the loaner AXON tube adapter. Insert the tube adapter into the knee joint and stow the cable properly.
2. Wake up the product and check the battery status as indicated by the charger LEDs. Charge the product fully before the trial fitting.
3. Once the charger is removed, the knee joint will perform a self-test. Do not move the knee joint until the test has completely finished.
4. Establish a connection between the product and the connectgo.pro app. An internet connection or the Bluetooth PIN code is required for this.
5. The Bluetooth connection will be disconnected after 2 minutes of inactivity. To restore it, turn the knee joint upside down until charging feedback appears.
6. Enter all the basic data in the connectgo.pro app. Please note that factory settings do not allow a release into swing phase.



Bench alignment

1. Follow the alignment recommendations in the connectgo.pro app (offline mode also available).
2. Ensure any hip flexion contracture is fully accommodated.
3. Optional refit adapters are available for swapping knee joints with different pyramid inclinations.
4. Insert the loaner AXON tube adapter by at least 40 mm, with the printed scale facing in the anterior direction.
NOTICE: Do not cut the loaner AXON tube adapters.
5. Check that there is no collision between the socket and knee joint. Replace the flexion stop if necessary.



Tighten all screws to the specified torque:

- Tube clamp: 7 Nm
- Tube adapter: 15 Nm

Calibration



Calibrate the product using the connectgo.pro app. Or allow the knee joint to self-calibrate while taking 10 to 20 steps for maximum static measurement accuracy.

Static alignment



20 mm
Distance from
knee axis to
force line
(5 to 30 mm)

0 mm
Distance from
middle of foot to
force line
(-40 to 10 mm)

0 %
 F_H (-2 to 0 %)

GRF target range

Recommended adjustments:

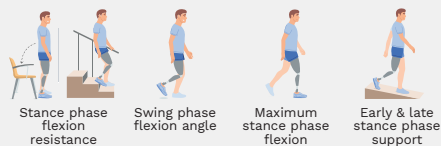
1. To reach the target range, adjust the foot PF/DF.

2. If F_H is still not within the target range, review the socket flexion in the alignment.

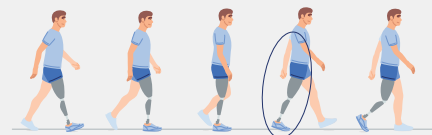
Retighten the screws to the appropriate torques and allow the user to walk so that automatic calibration can take place.

Basic mode

- The basic data preconfigures the settings.
- Follow the step-by-step guide in the connectgo.pro app.
- Fine-tune the four parameters below to suit the user's requirements.



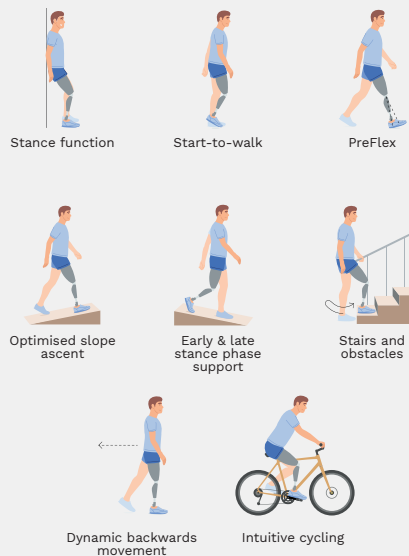
Dynamic alignment



- Check that stance release can take place consistently on level ground.
- Activate the "stance release feedback" function to ensure criteria are met:
 - Extended knee joint
 - 60% axial load
 - Forward rotation of the shank
 - Forward tilt of the shank

Key features

- Highlight the key features to the user.



MyModes

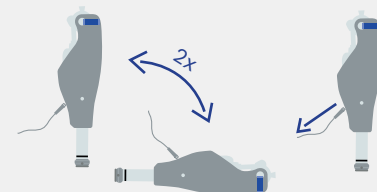
- Many preset MyModes for different activities are available in the connectgo.pro app.
- Up to five MyModes can be set for individual user activities.

Final steps before testing at home

1. Allow the user to test the knee in safety mode.
2. Save the data set in the connectgo.pro app.
3. Ask the user to download the connectgo user app.
4. Demonstrate the charging process and explain the charging feedback.
5. The Genium X4 is waterproof and resistant to corrosion. Explain to the user how to care for the product properly after it has been exposed to water.

End of trial

1. Switch off the knee joint using the connectgo.pro app or the relevant motion.



2. Ensure that all trial components are returned to Ottobock.

Any more questions? Contact your local Ottobock support.



Otto Bock Healthcare Products GmbH
Brehmstraße 16 · 1110 Vienna · Austria
T +43-1 523 37 86 · F +43-1 523 22 64
info.austria@ottobock.com · www.ottobock.com