



**TN200, TN250 NEURO AFO SPRING
INSTALLATION AND USER GUIDE**
33104-001 REV A 09-24-2025



Introduction

The Trulife Neuro AFO Spring system is a modular posterior composite spring for use with custom AFO braces (thermoplastic or composite). The composite spring is easily switched out to change the dynamic performance / stiffness of the AFO to suit the needs of the patient. The spring is available in two lengths: 200mm and 250mm. Each length is available in 4 different stiffness options. The Trulife Neuro Spring system is compatible with braces that had initially been fabricated with Fabtech Neuro springs.

Intended use

- The Trulife Neuro AFO Spring is designed to promote dynamic walking in patients with drop foot or other gait abnormalities.
- Use only as directed by a medical practitioner.

General dimensions:

Product	Description	Length	Width	Hole spacing
TN200-X	Trulife Neuro Spring 200mm	200mm (7.88")	31mm (1.23")	21.6mm (.850")
TN250-X	Trulife Neuro Spring 250mm	249mm (9.80")	31mm (1.23")	21.6mm (.850")

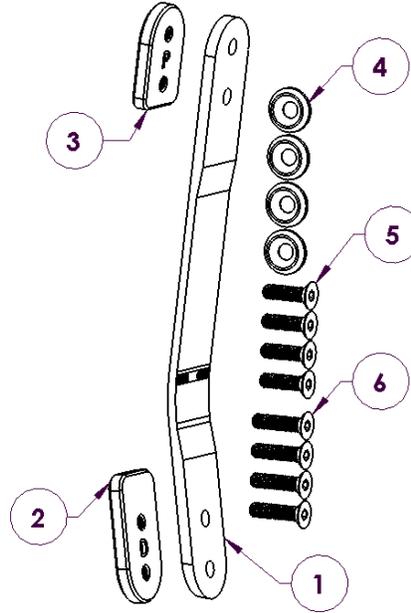
Product selection:

2 lengths (200mm and 250mm), spring categories 2-5 (2 = SOFTEST, 5 = STIFFEST)

SKU#	Description
TN200-2	TRULIFE NEURO SPRING 200MM, CATEGORY 2
TN200-3	TRULIFE NEURO SPRING 200MM, CATEGORY 3
TN200-4	TRULIFE NEURO SPRING 200MM, CATEGORY 4
TN200-5	TRULIFE NEURO SPRING 200MM, CATEGORY 5
TN250-2	TRULIFE NEURO SPRING 250MM, CATEGORY 2
TN250-3	TRULIFE NEURO SPRING 250MM, CATEGORY 3
TN250-4	TRULIFE NEURO SPRING 250MM, CATEGORY 4
TN250-5	TRULIFE NEURO SPRING 250MM, CATEGORY 5

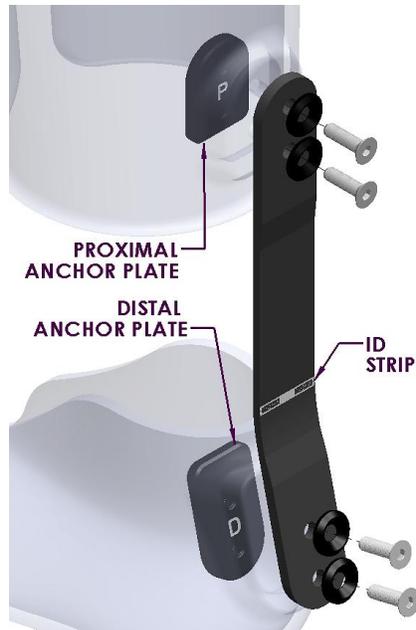
Parts included:

ITEM #	QTY	PART #	DESCRIPTION
1	1	33200-00X /33250-00X	Neuro composite AFO spring (200mm or 250mm)
2	1	33100-001	Distal anchor plate
3	1	33101-001	Proximal anchor plate
4	4	33102-001	M6 finishing washer
5	4	9306-022	M6 x 22mm long flathead screw, zinc plated
6	4	9301-025	M6 x 25mm long flathead screw, black zinc plated



Installation and use

1. Note correct position of the anchor plates: the proximal plate is shorter than the distal plate. The anchor plates are engraved with the letter "P" or "D" respectively.



2. Note correct position of the Neuro spring. The Identification strip is facing away from the leg and is closer to the distal end.

3. Select appropriate length of screw to achieve full thread engagement through the washer, spring, AFO cuff and anchor plate, but does not protrude so much to contact the patient's leg.



4. Apply low-strength thread locker to the threads of the screws (Loctite 242 or similar).
5. Loosely attach 2 screws at each end of the spring.
6. Alternately tighten each screw until snug, then apply **10 Nm (7.4 ft-lbs) final tightening torque to all screws.**
7. Periodically check to ensure proper fastener torque. Loose fasteners can lead to component failure.

Recommended installation and use procedures must be followed for maximum safety and service life.

Cleaning / Maintenance

- Clean with damp cloth by hand. Use mild detergent or isopropyl alcohol as needed.
- Rinse with fresh water after exposure to corrosive fluids (ex: salt water / chlorinated water / urine).
- Periodically check screws to ensure proper tightness. Insufficient fastener torque can lead to failure.

Important

Any serious incident should be reported to the manufacturer and the relevant competent authority.

Disposal

Please dispose of your Neuro AFO Spring in accordance with local and national laws and regulations.

Warranty

6 months from date of installation.



Trulife

3225 Woburn St. Suite 160
Bellingham, WA 98226
USA

Phone (+1) 360 697 5656

Email supportop@trulife.com

<https://trulife.com/>