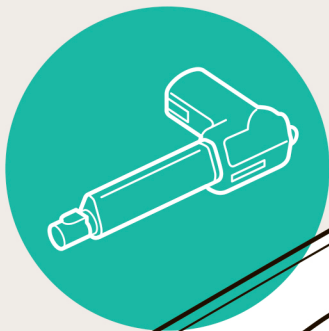


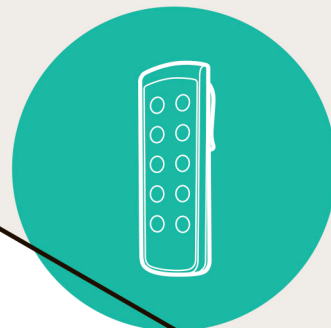
TWIN MOTOR SYSTEM for NURSING HOME BED APPLICATIONS

TiMOTION Provides Flexible,
Customized Products, and Tailor-made Solutions

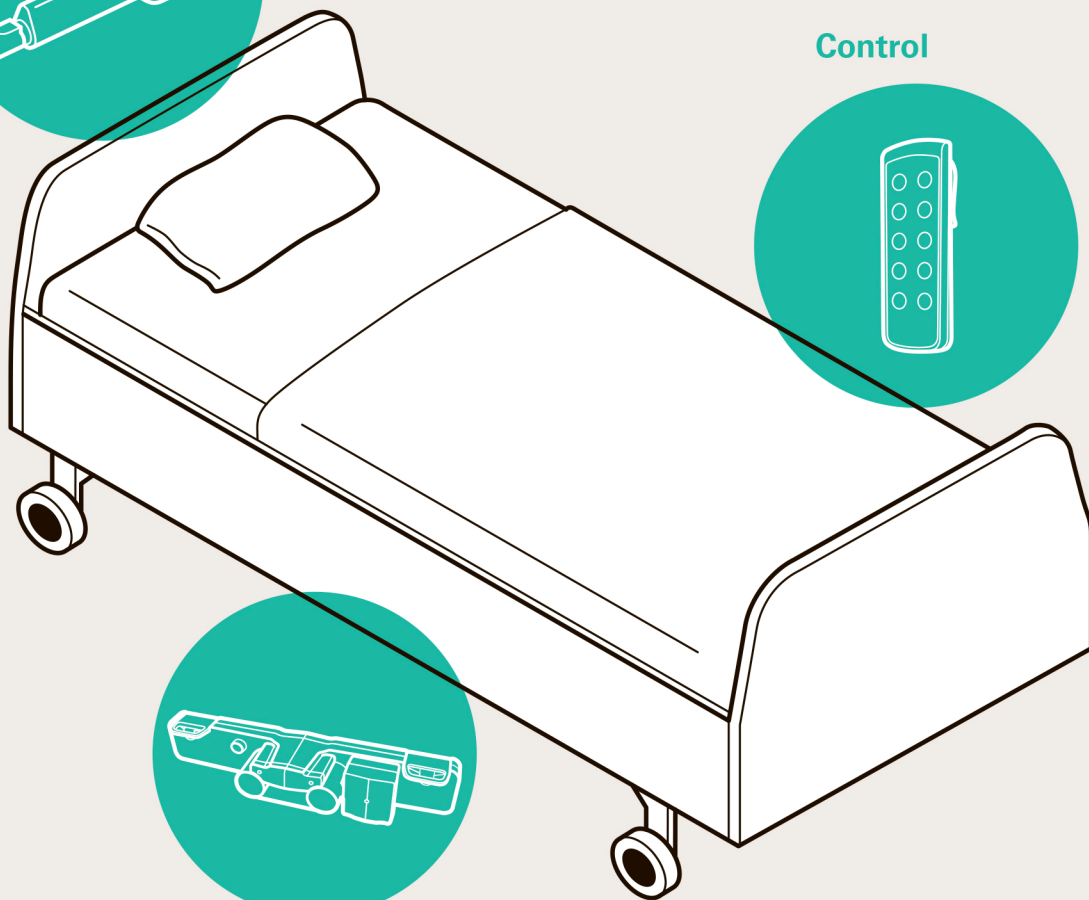
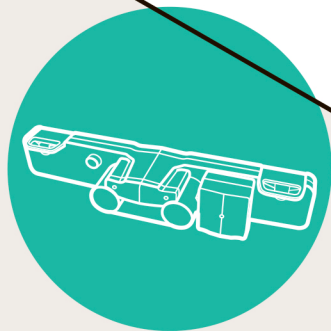
Actuator



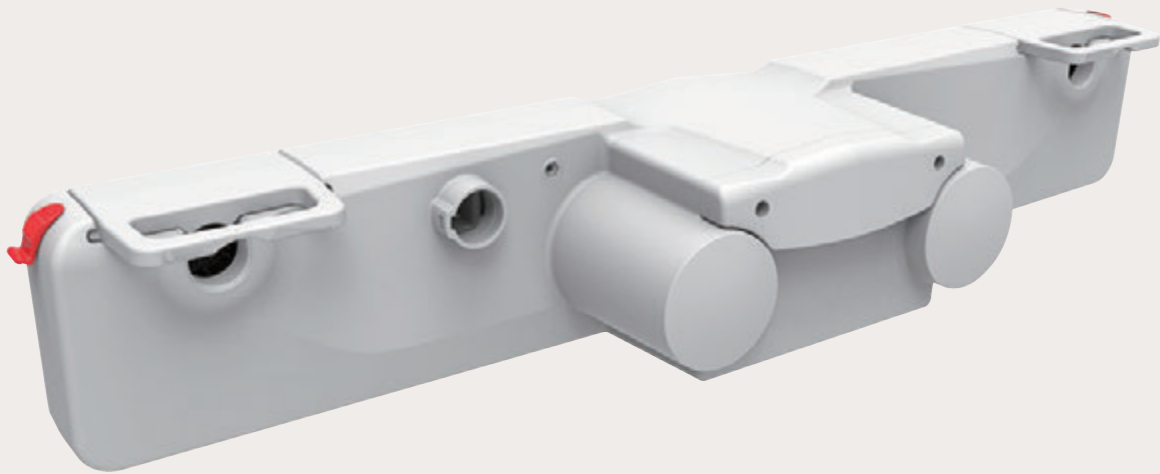
Control



Twin Motor



TT1-TWIN MOTOR

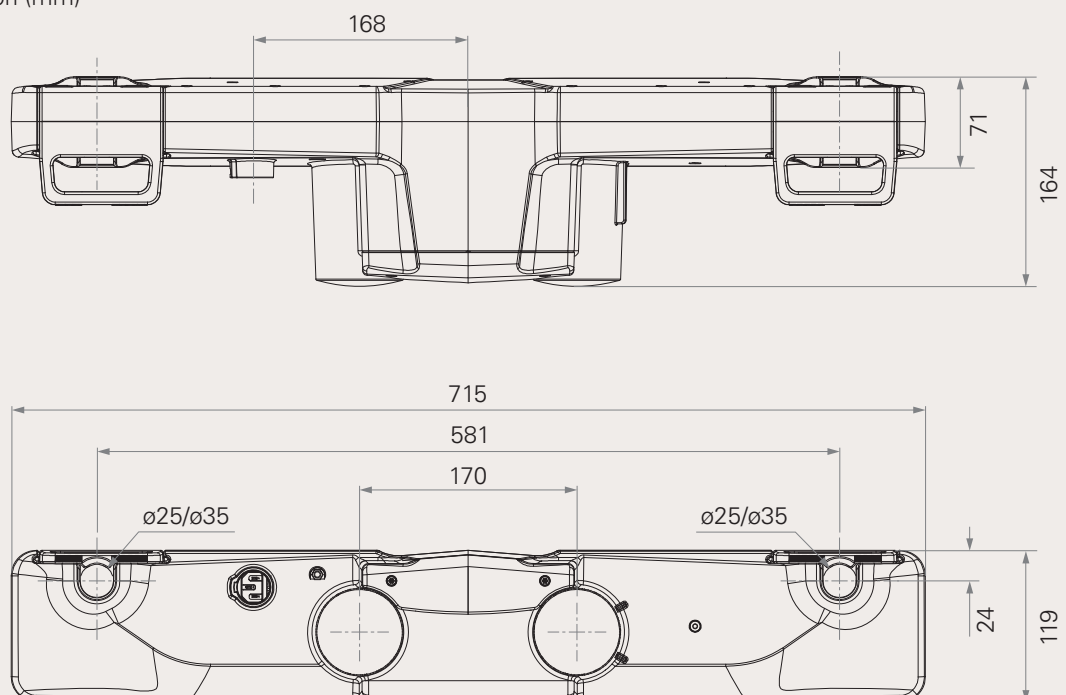


Cost-effective and Easy to Install

Our new and economical TT1 series twin spindle actuator is specifically designed for homecare and patient care facility beds. The TT1 electrical controls come standard with a range of voltages for use in multiple countries. The TT1 is equipped with SMPS and has standby power consumption. Its sophisticated housing design provides reliable mechanical stability as an alternative motor for a medical bed.

Drawing

Standard Dimension (mm)



TT1 Series

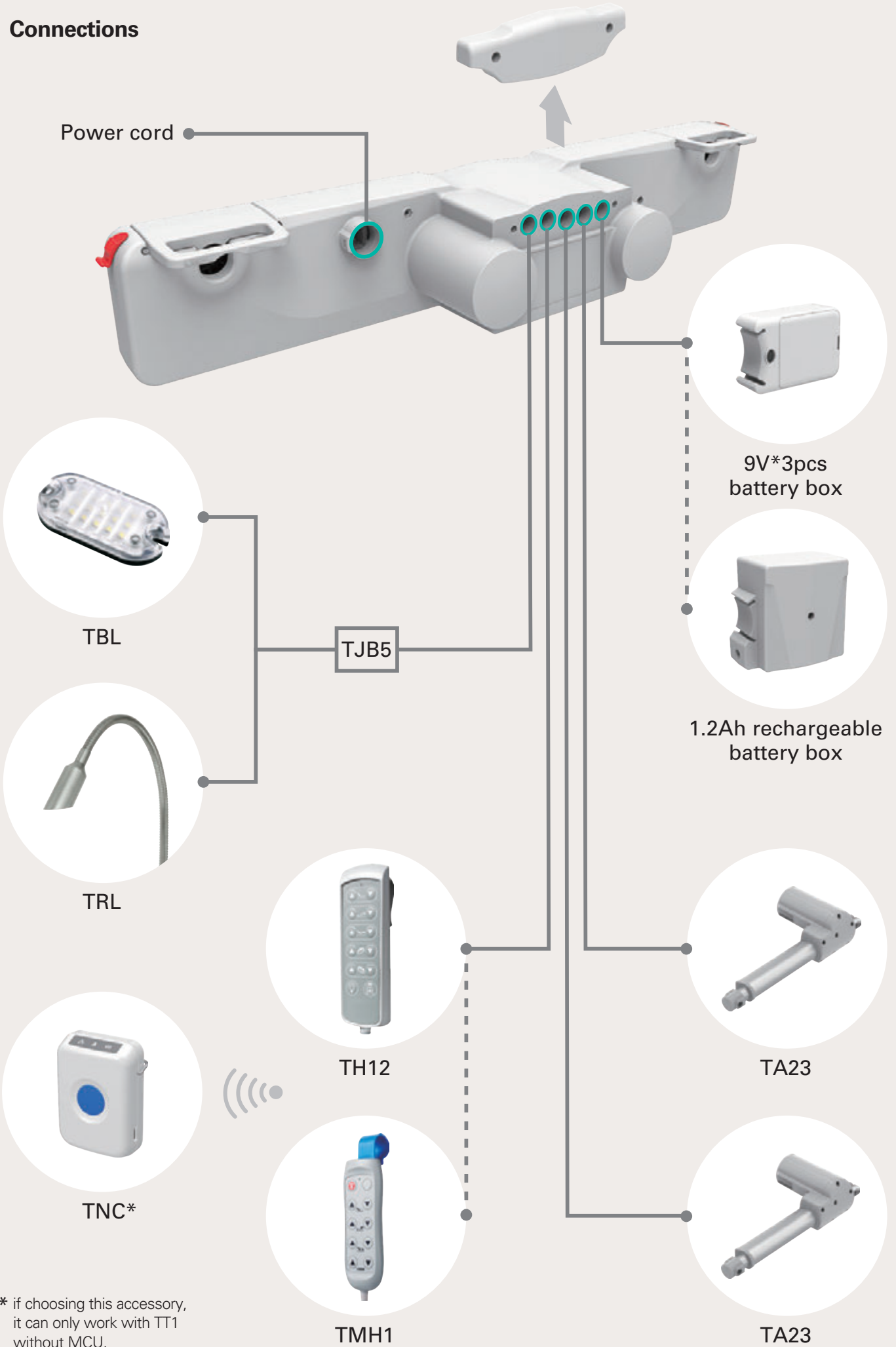
- Voltage: 100V AC, 100~240V AC
- Transformer type: SMPS (2.5A / 4A) or Toroidal (4A)
- Max. load: 6,000N (push)
- Dimension between shaft: 581mm
- Max. speed at max. load: 4.6mm/s
- Stroke: 87mm for backrest; 69mm for footrest
- Quick release option: handle or cable type
- Back-up battery option: 9V*3pcs battery or 1.2Ah rechargeable battery box

Load and Speed					
CODE	Rated Load		Typical Current at Rated Load (A)	Typical Speed	
	PUSH N	PULL N		No Load (32V DC) mm/s	Rated Load (32V DC) mm/s
Motor Speed (2600RPM, Duty Cycle 10%)					
D	6000	0	3.5	5.2	3.5
Motor Speed (3400RPM, Duty Cycle 10%)					
B	6000	0	3.5	6.8	4.6

TT1 Ordering Key

TT1	Version: 20220117-L			
	Voltage	1 = 100V AC	4 = 100~240V AC	
	Motor	2 = 24V		
	Load and Speed	See appendix		
	Plug	1 = EU 2 = US	3 = AU 4 = UK	5 = JP
	Axle Dimension	1 = ø25mm	2 = ø35mm	
	Stroke	1 = Back rest 87mm, leg rest 69mm		
	Color	2 = Pantone 428C		
	IP Rating	1 = Without	2 = IPX6	
	Quick Release	0 = Without		
	Output Signal	0 = Without		
	Extra Ports for Motors	0 = 0	1 = 1	2 = 2
	Extra Ports for Handsets	1 = 1	2 = 2	
	Cable Length	2 = Straight, 4000mm		
	Grounding	0 = Without	1 = With	
	Transformer	2 = SMPS (2.5A)	3 = Toroidal (4A)	4 = Toroidal (5A)
	Back-up Battery	0 = Without	1 = 9V*3pcs battery box	2 = 1.2Ah rechargeable battery box

Connections



Quick Release

· Handle Type

Lock



Release

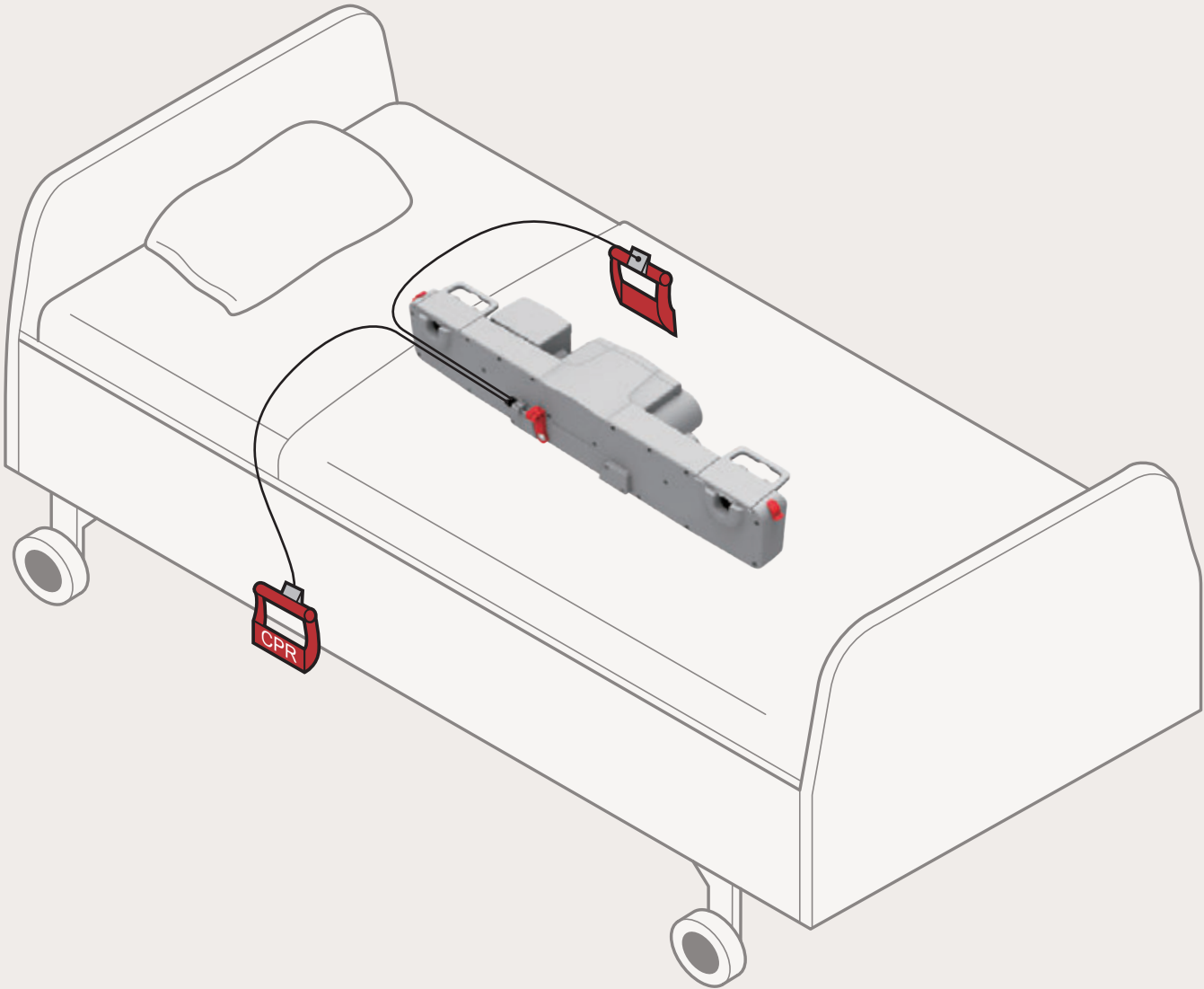


· Cable Type

Lock

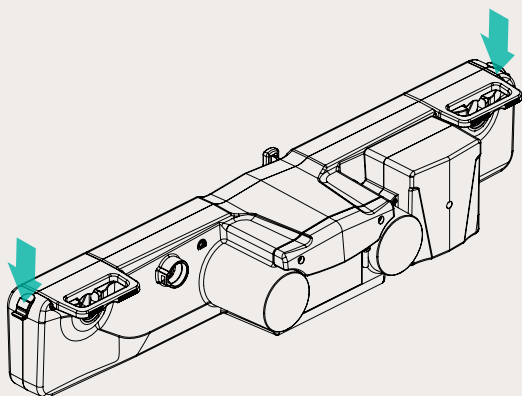


Release

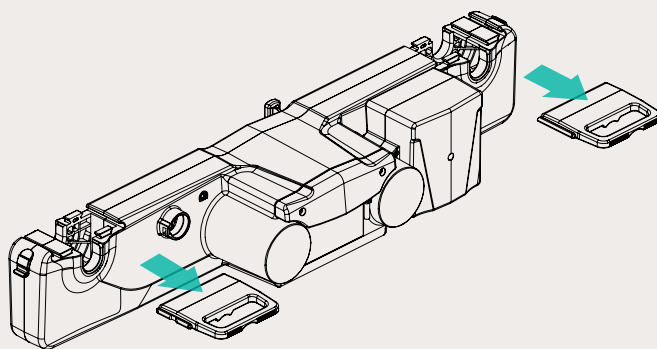


Installation Guide

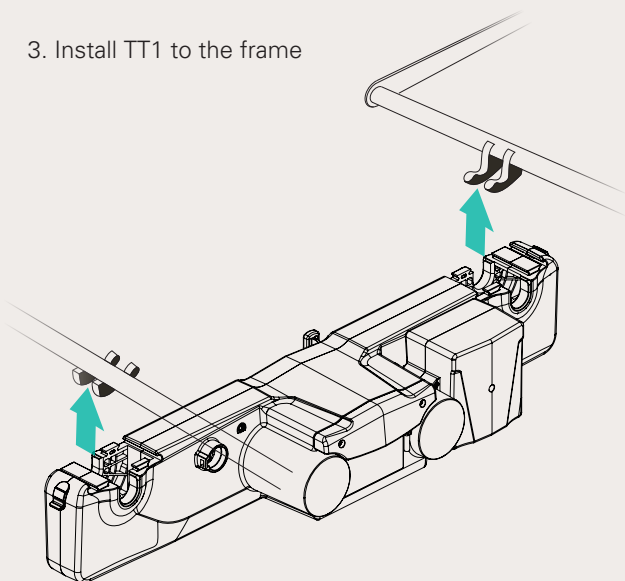
1. Unlock the safety lock and remove the fixed cap



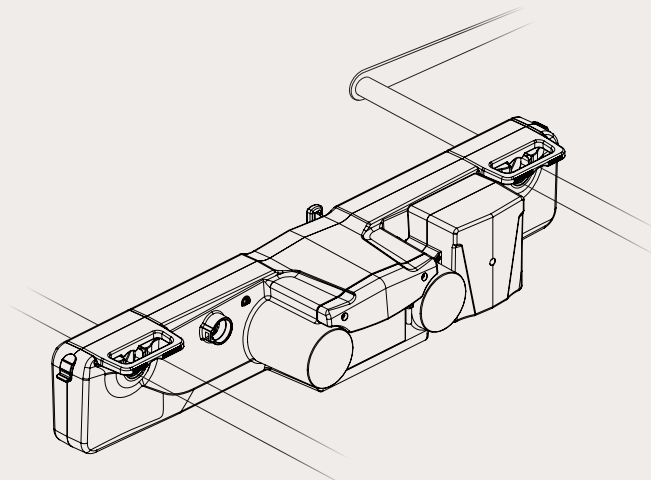
2. Remove the cover



3. Install TT1 to the frame



4. Reinstall the cover



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