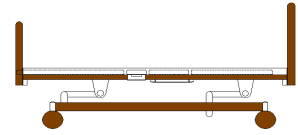


User Manual & Installer Guide



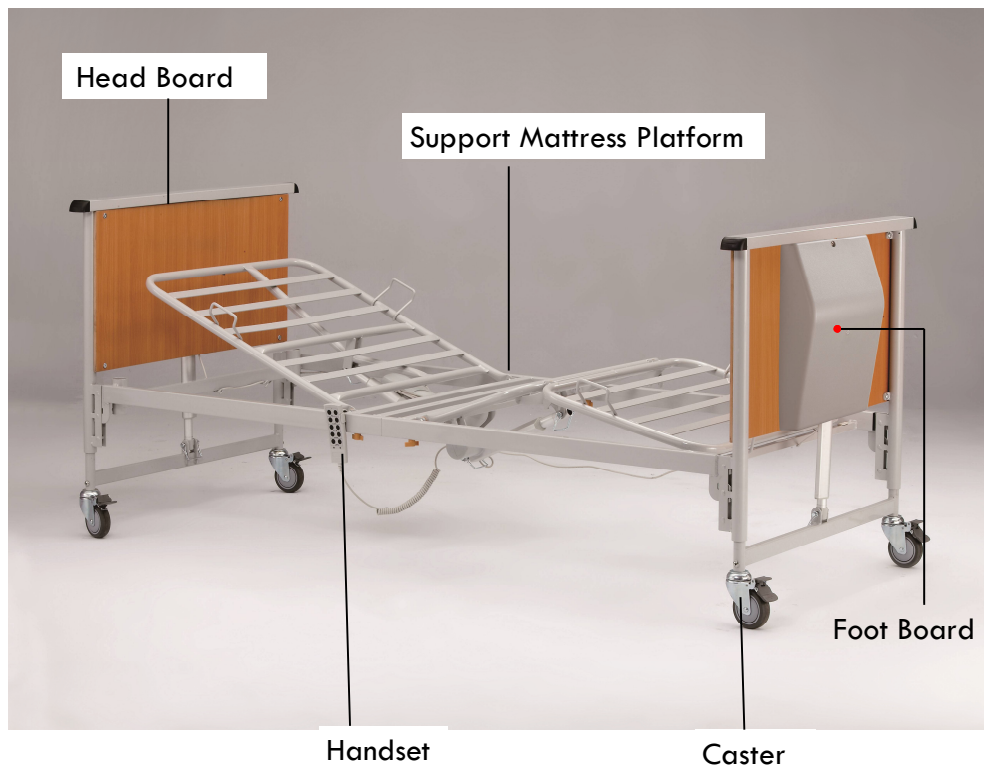
MEDICAL HOSPITAL BED SERIES

Electric Home care bed for BH-989



Illustration

BH-989 Electric Home Care Bed



Precaution

On cleaning

Clean the bed with a soft cloth slightly moistened with a mild detergent solution. Do not use any type of abrasive pad, scouring powder or solvent such as alcohol or benzene.

Anti-Bacterial Powder Coating

In order to meet future hospital requirement and trend, we use the advanced biological technology (HYBRID inorganic compound paint) to all our bed range.

The features:

1. Provided with excellent rustproof and anti-bacterial effect.
2. Endure high temperature (not less than 200°C).
3. Easy to clean: just use a soft cloth with water to wipe.
4. Protect users against second infection.
5. Effectively restrain germs from propagating.

Average germproof is 99.9993% according to Taiwan FIRDI testing.

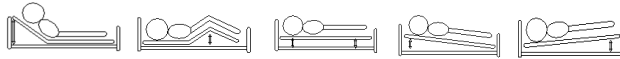
Test Microorganisms Bacteriostatic activity

Escherichia coli	6.0
CCRC 11634	
Staphylococcus aureus	5.1
CCRC 1045 1	
Klebsiella pneumoniae	5.6
CCRC 16082	

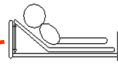
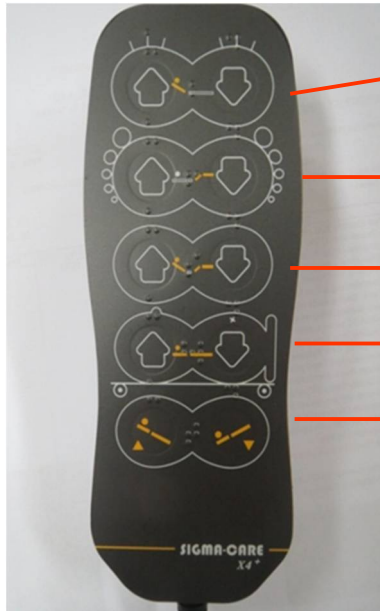
Note: Reference table of the bacteriostatic activity to the percentage of inhibition.

Bacteriostatic activity	Inhibition (%)
1	90
2	99
3	99.9
4	99.99
5	99.999
6	99.9999

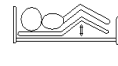
POSITION:



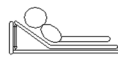
WIRE HANDSET



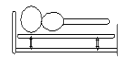
Backrest Adjustment



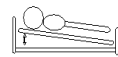
Knee-Break Adjustment



Backrest & Knee-Break Adjustment

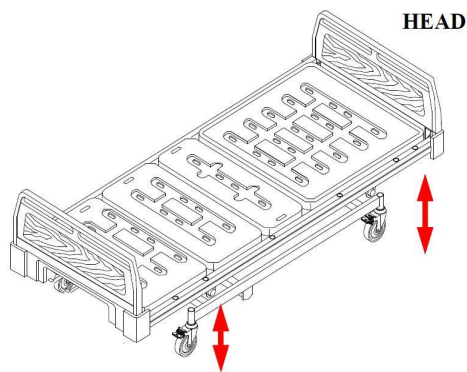


Bed Height Adjustment

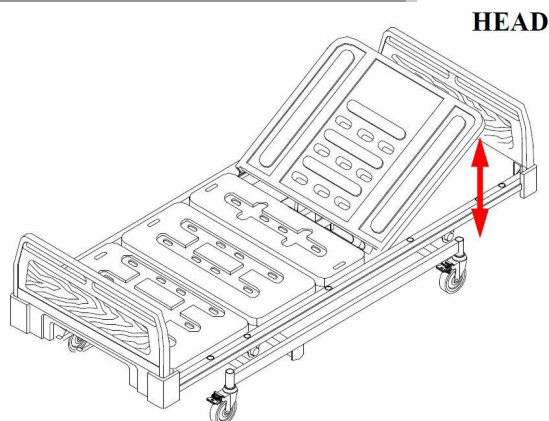


Trendelenburg & Rev. Trend.

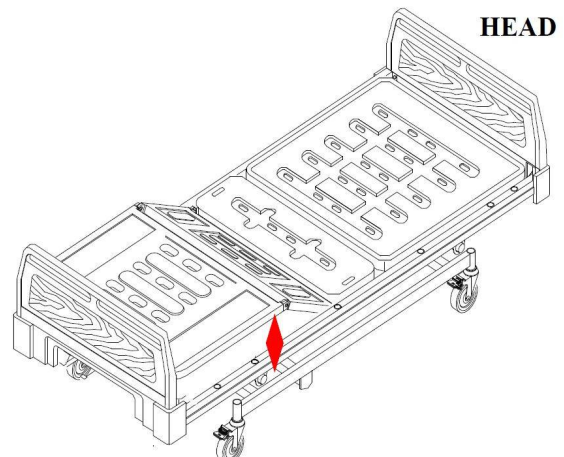
Bed Height Adjustment (Up-Down)



Backrest Adjustment



Knee-break Adjustment



Operation

Trendelenburg & Rev. Trendelenburg

Operation

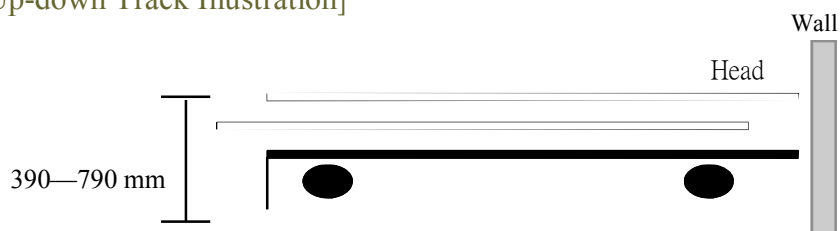
Foldable

Precaution:

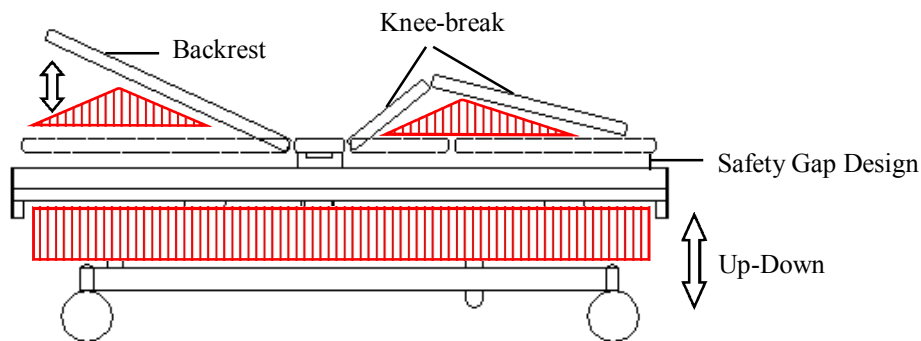
On installation,
Please lower the bed to bottom
position and keep the head-
board 3~6 cm away from wall.



[Up-down Track Illustration]



Movement-Operation Area



NOTE:

1.  means operation area
2. Safety Gap:
This design is also provided with instant- release feature to allow user to lift the platform instantly for emergency use.



Caution:

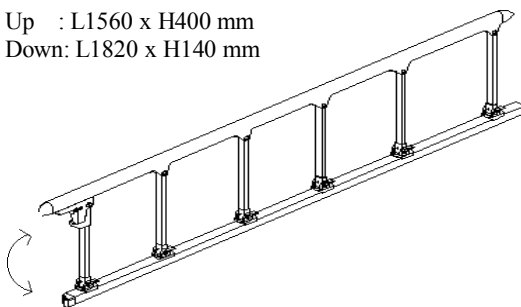
Please do not stretch the Head/ hand / foot into the operation area against any uncertain harm although the bed is provided with instant-release design for emergency.

Operation

Option

Collapsible Side-Rail

Fold Up : L1560 x H400 mm
Fold Down: L1820 x H140 mm

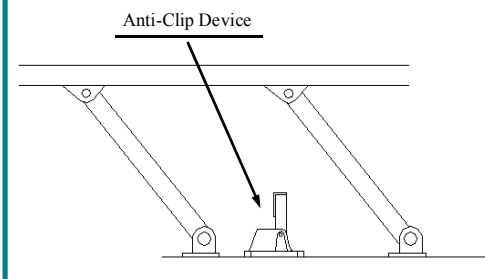


WARNING

Keep head , hand and foot away from side-rail when operating.

OPTION — [Anti-Clip Device]

The device can be attached to collapsible side-rail series upon customer request.



We apply new **MODULAR DESIGN (MD)** to all SIGMA-CARE bed series. The feature enable users to operate and maintain with facility.

Maintenance & Spare-parts List

The bed can be distinguished into : **Bed-frame** 、 **Head and Foot Board** 、 **Support Mattress Platform** 、 **Motor system** 、 **Guard Rail and Caster**.

→ **Bed-Frame**

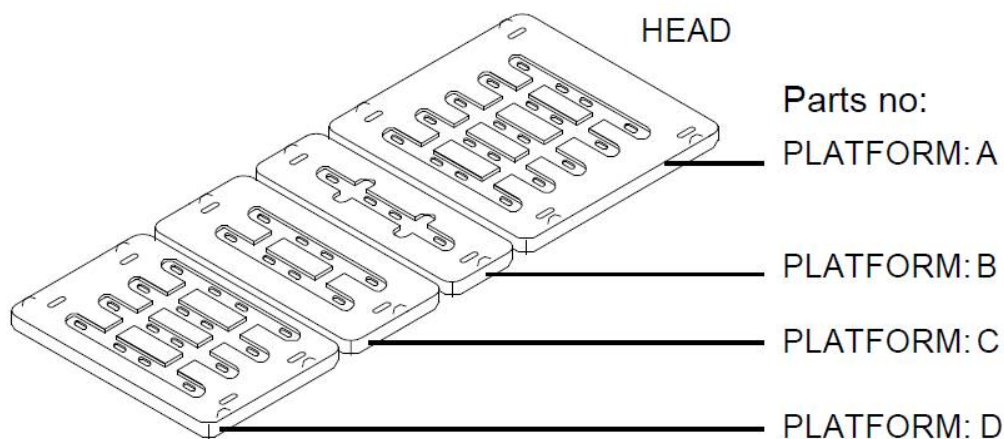
The structure and strength of bedstead is designed and calculated precisely by Sigma-Care factory and meet to Taiwan CNS security standard. Therefore, please inform us in case of bedstead can not work normally (cease to function) or suffered severely. Please DON'T take them apart by oneself without qualified personnel present.

- Loading Capacity of Bed: 200Kg

→ **Support Mattress Platform (STEEL)**

[Modular unit; Easy to be replaced with screwdriver]

If need, please refer to the below illustration and inform local agent what spare parts you need according to our parts number.



Maintenance

FOR ELECTRIC BED

→ Motor System

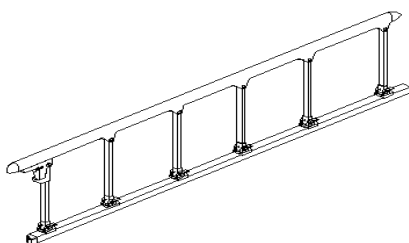
If the motor system got trouble, please inform us or our local agent . Please do NOT dismantle them if no qualified engineer present.

Part No.	Description	Remark
AHT-TA7-2027-007	Actuator for Knee-break	T-motion without battery back up
TA7-TA7-2027-008	Actuator for Backrest	
AHT-TA7-2027-013	Actuator for Up-down & Trendelenburg	
AHT-TC1-002	Control Box	
AHT-TH7-2027-001	Handset (10 buttons)	

→ Guard Rail

[Modular unit; Easy to be replaced with one hexagon spanner

If need, please refer to below illustration and inform local agent what spare parts you need according to our parts number.



Parts no:

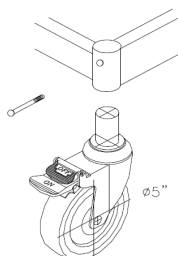
ABS Collapsible Side Rail (R)

ABS Collapsible Side Rail (L)

→ Caster

[Modular unit; Easy to be replaced with one spanner

If need, please refer to below illustration and inform local agent what spare parts you need according to our parts number.



Parts No. :

IB-4 (4" caster with brake)



1. Our agent and we will make any effort to serve your interests and provide you with the best after-sale service if you have any question, comment or complain on our product.
2. LOT Number is located in the inside of bedstead.

General Warning for ELECTRIC

- ⦿ Check to ensure that all electrical connections are secure at all times.
- ⦿ Grounding Instructions: DO NOT, under any circumstances, cut or remove the round grounding prong from any plug. Some devices are equipped with three-prong (grounding) Plugs for protection against possible shock hazards. Where a two-prong wall receptacle is encountered, it is the personal responsibility and obligation of the customer to contact a qualified electrician and have the two-prong receptacle replaced with a properly grounded three-prong wall receptacle/outlet in accordance with the National Electrical Code and local laws. If you must use an extension cord, ONLY use a three-wire extension cord having the same or higher electrical rating as the device being connected.
- ⦿ The weight limitation is 200kg for the model.
- ⦿ When the motor system have any abnormal motor noise, please check with the store.
- ⦿ Have any other abnormal noise for parts of the bed, please check with the store.



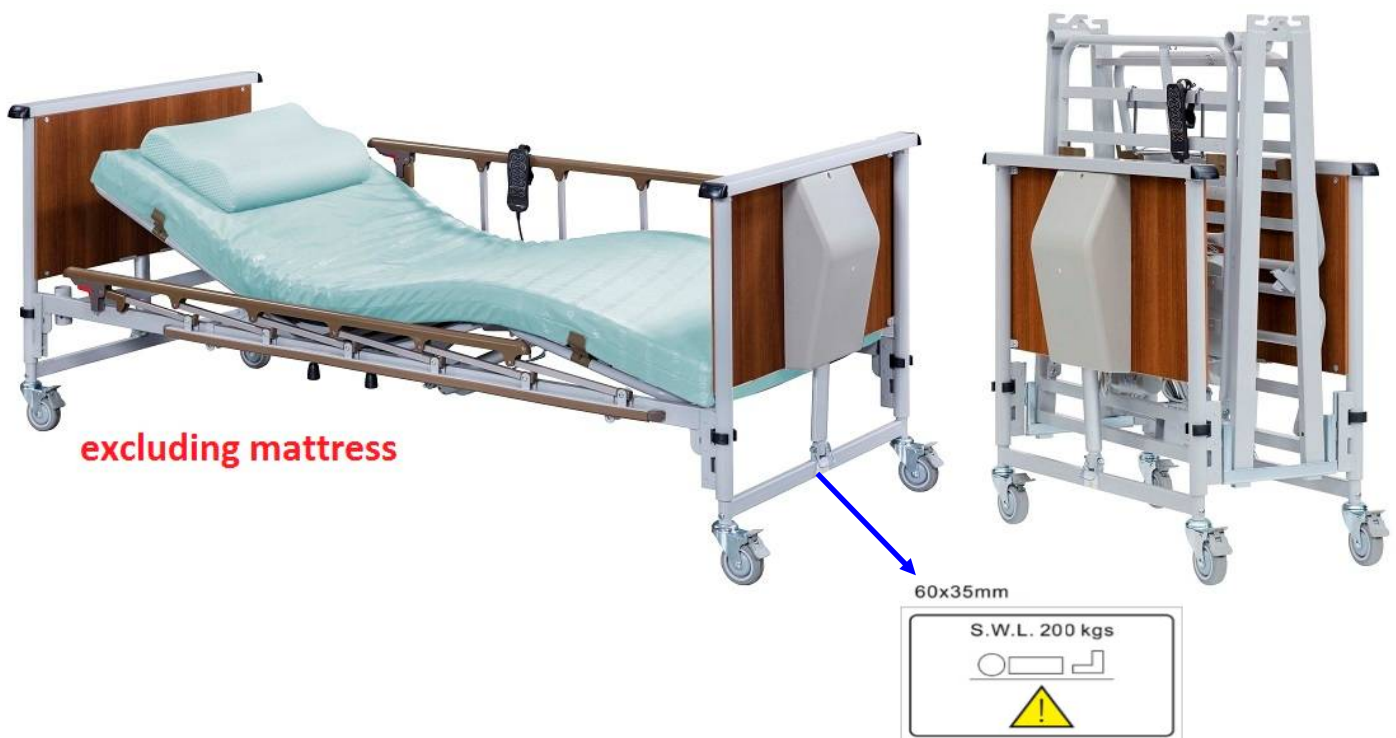
Warning

The bed should be left in its lowest position with the mattress base in a flat profile when **the patient is** unattended in order to reduce the risk of patient injury due to falls while getting into or out of the bed, or whilst lying on the bed.

BH-989S K/D

BH-989MABS K/D

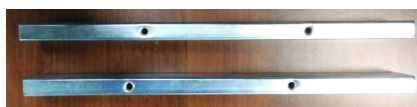
Electric Home Care Bed (4 Motors)



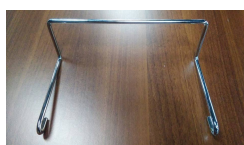
Assembly Manual

【Parts List – Accessories】

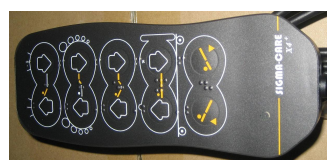
Part No.: A Connection Rod x 2



Part No.: B Mattress Stopper x 1



Part No.: C Hand Set x 1



Part No.: D Locking Unit x 4



Part No.: E Locking Screw x 4

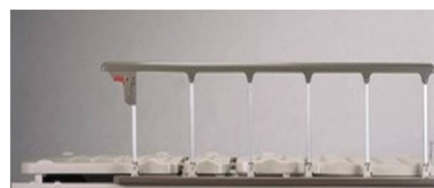


Part No.: F Corner Bumper x



Part No.: G (Only for BH-989MABS series)

ABS Side Rail x 2
(including Screw Package x 4 sets)



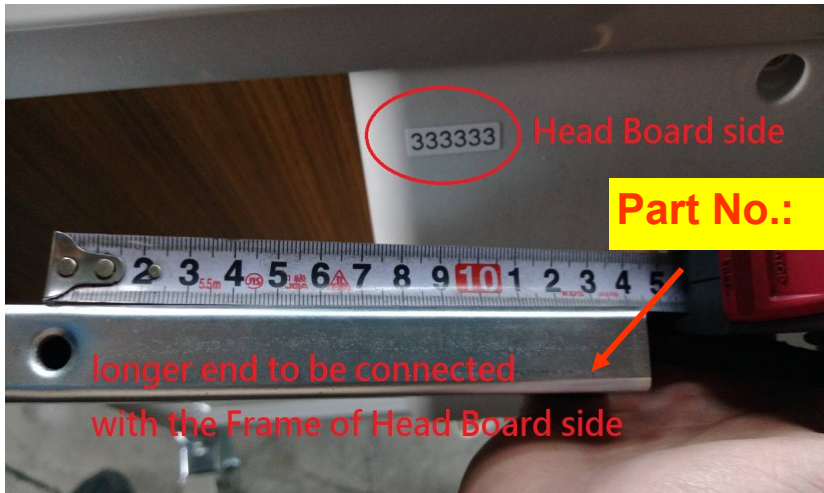
STEP 1

【Insert Connection Rod into the Bed Frame of Head Board side】

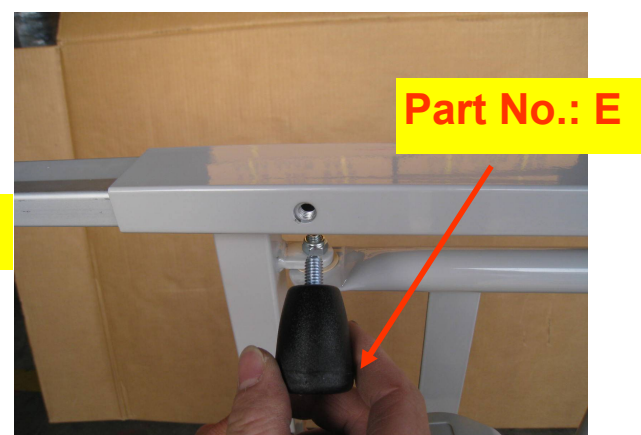
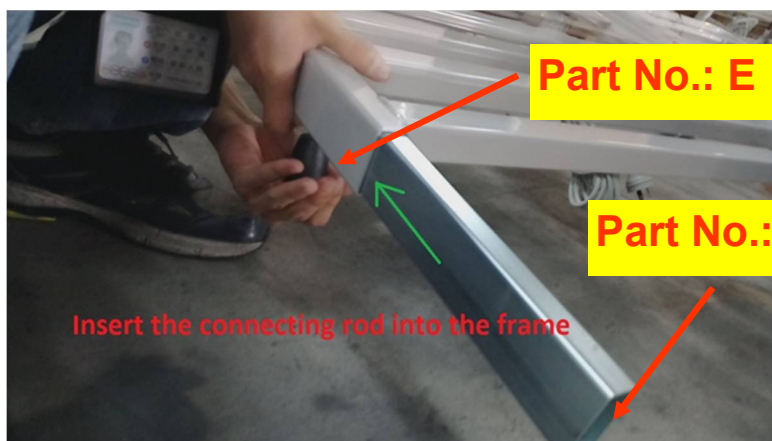
Ensure the direction of **PART No. A** (Connection Rod) to insert the Bed Frame is correct

*Tips: Longer end to be connected with the Frame of Head Board side

*Tips: number “3” represents the Bed Frame of the Head Board side



Insert **PART No. A** into the Bed Frame (please complete the Head Board side firstly) and FIX **PART No. A** with **PART No. E** (Locking Screw)

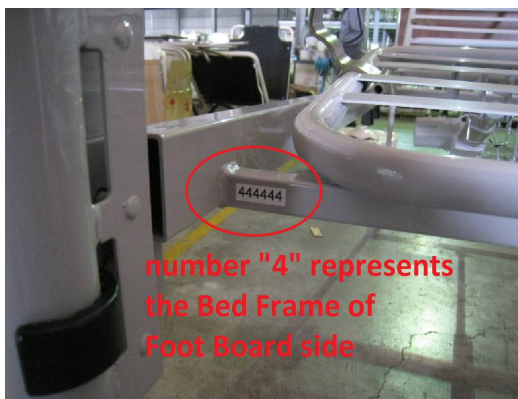


STEP 2

【Connecting Head/Foot Board with Bed Frame】

Match the same number from Bed Frame and Head/Foot Board

*Tips: number “3” represents Head Board/Frame portion
and “4” represents Foot Board/Frame portion



Locking up by using **PART No. D** (Locking Unit)
after Head/Foot Board and Bed Frame connected

Part No.: D



STEP 3

【Connecting Head/Foot Frame】

Connecting Head/Foot Frame, then insert the balance 2 x **PART No. E**



Completed

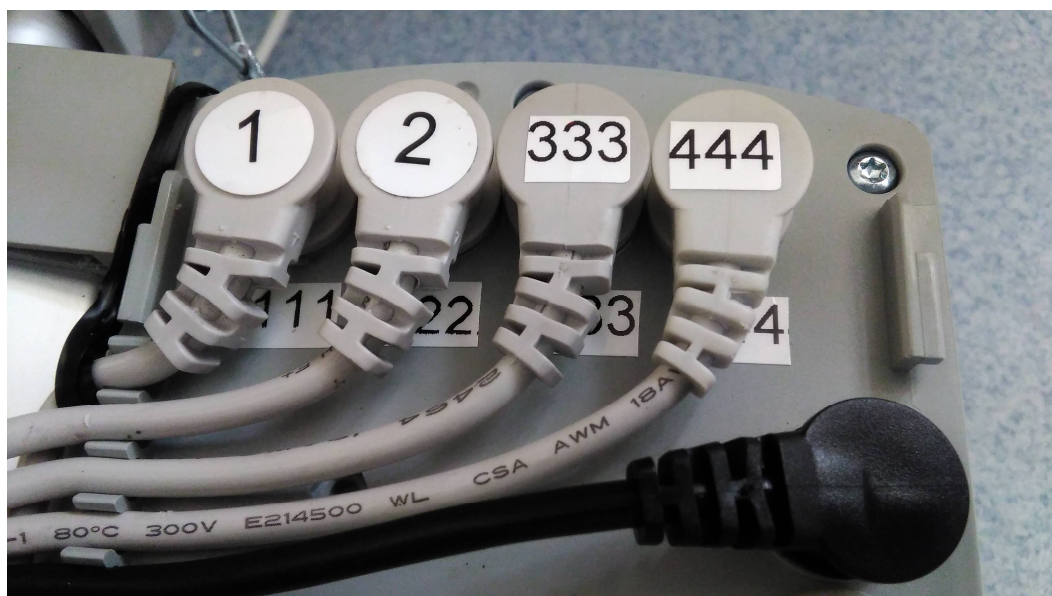


STEP 4

【Electrical Devices connecting】

Plug Motor Lines to Control Box

(please match the same number from Motor and Control Box)



You can hang Motor Lines on the Bed Frame Hooks as the picture shown



STEP 5

【Other Components】

Insert **PART No. F** (Corner Bumper)
and **PART No. B** (Mattress Stopper) on the end of Bed



Part No.: F



Part No.: B

STEP 6

【Assembling ABS Side Rails (**PART No. G**)】

- Only for BH-989MABS

Connecting Side Rail with Bed Frame by using Screw Package
Outside the Rail: Crown Bolt



Inside the Rail: Nut and Washer





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