

















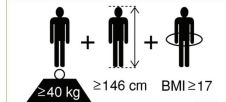
# stryker<sup>®</sup>

## Maintenance Manual












# Symbols

	Refer to instruction manual/booklet
	Operating instructions / Consult instructions for use
	General warning
	Caution
	Warning; crushing of hands
	Warning; crushing of feet
	Do not insert lift pole
	Headboard and footboard orientation
	Do not store items under the bed.
	Gatch positioning
	Catalogue number
	Serial number
	CE mark
	Manufacturer
	Mass of equipment with safe working load
	Safe working load
	Maximum patient weight
	Adult patient

# Symbols

	Direct current
	Alternating current
	Dangerous voltage
	Unit provides terminal for connection of a potential equalization conductor. The potential equalization conductor provides direct connection between the unit and potential equalization busbar of the electrical installation.
	Protective Earth terminal
IPX4	Protection from liquid splash
	Type B applied part
	In accordance with European Directive 2012/19/EU on Waste Electrical and Electronic Equipment (WEEE), this symbol indicates that the product must not be disposed of as unsorted municipal waste, but should be collected separately. Contact your local distributor for disposal information. See the maintenance manual for servicing instructions and recyclable components.



# Table of Contents

---

Warning/Caution/Note Definition .....	3
Summary of safety precautions .....	4
Pinch points .....	5
Preventive maintenance .....	6
Cleaning .....	8
Preparing the product for cleaning .....	8
Cleaning .....	8
Cleaning the siderails .....	9
Disinfecting .....	10
Troubleshooting .....	11
Quick reference replacement parts .....	14
Service .....	39
Fowler (backrest) actuator replacement .....	39
Gatch (legrest) actuator replacement .....	39
Head end lift actuator replacement .....	40
Foot end lift actuator replacement .....	41
Non-steer caster replacement .....	43
Steer (head left) caster replacement .....	44
Fifth wheel replacement .....	46
Head end siderail gas cylinder replacement .....	46
Foot end siderail gas cylinder replacement .....	47
Lower leg section locking mechanism replacement .....	48
Patient control pendant replacement .....	49
Nurse control pendant replacement .....	49
Siderail control panel (inside and outside siderail) replacement .....	50
Control box replacement .....	50
Battery replacement .....	51
Power cord replacement .....	52
Head end siderail hoop replacement .....	53
Foot end siderail hoop replacement .....	54
Brake system .....	55
Base and leg assembly .....	58
Base and leg assembly with 5th wheel (option) .....	60
Litter / frame assembly .....	61
Bumper roller assembly .....	63
Bed extender assembly .....	64
Hi-Lo actuators .....	66
Control box and battery .....	67
Litter fowler (backrest) assembly .....	68
Litter seat assembly .....	70
Litter gatch (legrest) assembly .....	71
Fowler (backrest) actuator .....	73
Gatch (legrest) actuator .....	74

# Table of Contents

---

Siderail head end assembly ..... 75

Siderail foot end assembly ..... 76

Siderail assembly ..... 77

Siderail release latch assembly ..... 78

Headboard and footboard assembly ..... 79

EMC information ..... 80

Warranty ..... 84

Recycling passports..... 85

# Warning/Caution/Note Definition

---

The words **WARNING**, **CAUTION**, and **NOTE** carry special meanings and should be carefully reviewed.

---

## **WARNING**

Alerts the reader about a situation which, if not avoided, could result in death or serious injury. It may also describe potential serious adverse reactions and safety hazards.

---

## **CAUTION**

Alerts the reader of a potentially hazardous situation which, if not avoided, may result in minor or moderate injury to the user or patient or damage to the product or other property. This includes special care necessary for the safe and effective use of the device and the care necessary to avoid damage to a device that may occur as a result of use or misuse.

---

**Note:** Provides special information to make maintenance easier or important instructions clearer.

# Summary of safety precautions

---

Always read and strictly follow the warnings and cautions listed on this page. Service only by qualified personnel.

---

## **WARNING**

- Do not clean, service, or perform maintenance while the product is in use.
  - Always power off and unplug the power cord before cleaning, servicing, or performing maintenance.
  - Always power off the product and unplug the power cord from the wall outlet when large spills occur near the circuit boards, cables, and motors. Remove the patient from the product, clean up the fluid, and have service personnel inspect the product. Fluids can cause unpredictable operation and decreased functionality of any electrical product. Do not return the product to service until it is completely dry and has been thoroughly tested for safe operation.
  - Do not spray cleaners directly onto the battery, control boxes, actuators, cables, or other electric equipment.
  - Do not use abrasive powder, steel wool, or similar materials that may damage the product surface.
  - Do not use **Virex®** TB for product disinfecting.
  - Do not use acid-based chemicals or flammable chemicals, such as gasoline, diesel, or acetone for cleaning purposes.
  - The cleaners and disinfectants must not be highly alkaline or acidic (pH value 6-8).
  - Do not directly spray or saturate the siderail control panel, patient control pendant, or nurse control pendant with cleaners.
  - Do not use sharp objects to clean the siderail control panel.
  - Always make sure to line the hex shaft with the hex in the caster. Test the caster to identify the direction of the brake. Damage may occur if you install the caster incorrectly.
  - Always make sure to line the hex shaft with the hex in the caster. Test the caster to identify the direction of the brake. Damage may occur if you install the caster incorrectly.
- 

## **CAUTION**

- Do not steam clean, pressure wash, ultrasonically clean, or immerse any part of the product in water. Exposure to water may damage the internal electric parts. These methods of cleaning are not recommended and may void this product's warranty.
  - Always make sure that you wipe each product with clean water and thoroughly dry each product after cleaning. Some cleaning products are corrosive in nature and may cause damage to the product if you use them improperly. If you do not properly rinse and dry the product, you may leave a corrosive residue on the surface of the product that could cause premature corrosion of critical components. Failure to follow these cleaning instructions may void your warranty.
-

# Summary of safety precautions

---

## Pinch points



Figure 1: SV2 pinch points

# Preventive maintenance

---

At a minimum, check all items listed during annual preventive maintenance for all Stryker Medical products. You may need to perform preventive maintenance checks more frequently based on your level of product usage.

Remove product from service before performing preventive maintenance. Preventive maintenance should only be performed by trained or certified personnel. See the maintenance manual for servicing and maintenance instructions.

Inspect the following items:

- \_\_\_\_\_ All welds and all fasteners are secure
- \_\_\_\_\_ Tubing or sheet metal for bends or breaks
- \_\_\_\_\_ Casters are free of debris
- \_\_\_\_\_ Casters are secure and swivel
- \_\_\_\_\_ Casters lock securely by depressing the brake pedal
- \_\_\_\_\_ Locking steer caster applies and releases
- \_\_\_\_\_ Steer pedal latches
- \_\_\_\_\_ Backrest operates
- \_\_\_\_\_ Litter up and down operates
- \_\_\_\_\_ Trendelenburg and Reverse Trendelenburg operates
- \_\_\_\_\_ IV pole is intact and operating (optional)
- \_\_\_\_\_ Accessory sleeves are not damaged or cracked
- \_\_\_\_\_ Bed extender extends and locks (option)
- \_\_\_\_\_ Headboard, footboard, and siderail panels for cracks or splits
- \_\_\_\_\_ All covers are not damaged and do not have sharp edges
- \_\_\_\_\_ Radiolucent backrest is clean and not cracked (option)
- \_\_\_\_\_ Cassette holder is clean and not cracked (option)
- \_\_\_\_\_ Underbed light operates
- \_\_\_\_\_ CPR release operates
- \_\_\_\_\_ Siderails move, latch, and stow
- \_\_\_\_\_ All functionality on all control panels
- \_\_\_\_\_ Batteries for replacement
- \_\_\_\_\_ Batteries for corrosion at the terminals, cracking, expanded or bulging at the sides, or can no longer maintain a full charge
- \_\_\_\_\_ Lower leg section moves, latches, and stows
- \_\_\_\_\_ Pendants for any physical damage
- \_\_\_\_\_ Power cord not worn or frayed
- \_\_\_\_\_ Cables not worn or pinched
- \_\_\_\_\_ All electrical connections tight
- \_\_\_\_\_ All grounds secure to the frame
- \_\_\_\_\_ Ground Impedance Check (  $\leq 0.2 \text{ Ohm}$  )
- \_\_\_\_\_ Leakage current: Normal Polarity, No Ground, L2 Active (  $\leq 300 \text{ }\mu\text{A}$  )
- \_\_\_\_\_ Leakage current: Normal Polarity, No Ground, No L2 (  $\leq 600 \text{ }\mu\text{A}$  )
- \_\_\_\_\_ Leakage current: Reverse Polarity, No Ground, L2 Active (  $\leq 300 \text{ }\mu\text{A}$  )
- \_\_\_\_\_ Leakage current: Reverse Polarity, no Ground, No L2 (  $\leq 600 \text{ }\mu\text{A}$  )
- \_\_\_\_\_ Enclosure is free from wear, tear, stresses and mechanical damage
- \_\_\_\_\_ High potential test 1500 VAC (trip current not more than 10 mA)
- \_\_\_\_\_ No rust or corrosion of parts
- \_\_\_\_\_ Control boxes are not damaged or cracked
- \_\_\_\_\_ Actuator functionality
- \_\_\_\_\_ Labels for legibility, proper adherence, and integrity

## Preventive maintenance

---

Product serial number:
Completed by:
Date:

# Cleaning

---

## Preparing the product for cleaning

Cleaning and disinfecting are two separate processes. Clean before disinfecting to make sure that the cleaning agent is effective.

To prepare the product for cleaning:

1. Raise the litter to its highest height.
2. Lock the siderail control panel and patient control pendant functions (see the operations manual for instructions on how to lock the patient functions).
3. Unplug the power cord from the wall outlet.
4. See the operations manual for instructions on how to store the power cord.
5. See the operations manual for instructions on how to apply the brakes.
6. Remove the mattress.

## Cleaning

---

### **WARNING**

- Do not clean, service, or perform maintenance while the product is in use.
- Always power off and unplug the power cord before cleaning, servicing, or performing maintenance.
- Always power off the product and unplug the power cord from the wall outlet when large spills occur near the circuit boards, cables, and motors. Remove the patient from the product, clean up the fluid, and have service personnel inspect the product. Fluids can cause unpredictable operation and decreased functionality of any electrical product. Do not return the product to service until it is completely dry and has been thoroughly tested for safe operation.
- Do not spray cleaners directly onto the battery, control boxes, actuators, cables, or other electric equipment.
- Do not use abrasive powder, steel wool, or similar materials that may damage the product surface.
- Do not use **Virex**® TB for product disinfecting.
- Do not use acid-based chemicals or flammable chemicals, such as gasoline, diesel, or acetone for cleaning purposes.
- Do not directly spray or saturate the siderail control panel, patient control pendant, or nurse control pendant with cleaners.
- The cleaners and disinfectants must not be highly alkaline or acidic (pH value 6-8).

---

### **CAUTION**

- Do not steam clean, pressure wash, ultrasonically clean, or immerse any part of the product in water. Exposure to water may damage the internal electric parts. These methods of cleaning are not recommended and may void this product's warranty.
- Always make sure that you wipe each product with clean water and thoroughly dry each product after cleaning. Some cleaning products are corrosive in nature and may cause damage to the product if you use them improperly. If you do not properly rinse and dry the product, you may leave a corrosive residue on the surface of the product that could cause premature corrosion of critical components. Failure to follow these cleaning instructions may void your warranty.

---

To clean product surfaces:

1. Using a clean, soft, damp cloth, wipe product surfaces with a mild soap and water solution to remove foreign material.
2. Wipe product surfaces with a clean, dry cloth to remove any excess liquid or cleaning agent.
3. Dry thoroughly.



# Cleaning

---

## Cleaning the siderails

---

### **WARNING**

- Do not directly spray or saturate the siderail control panel, patient control pendant, or nurse control pendant with cleaners.
  - Do not use sharp objects to clean the siderail control panel.
  - Do not use abrasive powder, steel wool, or similar materials that may damage the product surface.
  - Do not use **Virex® TB** for product cleaning.
  - Do not use acid-based chemicals or flammable chemicals, such as gasoline, diesel, or acetone for cleaning purposes.
- 

To clean the siderails:

1. Raise the siderail.
2. Latch the siderail.
3. Use a clean, soft, damp cloth to wipe down the siderail and the siderail control panel.
4. Allow the siderail control panel to dry thoroughly.

# Disinfecting

---

Suggested disinfectants:

- Quaternary cleaners without glycol ethers (active ingredient - ammonium chloride)
- Chlorinated bleach solution (5.25% - less than 1 part bleach to 100 parts water)
- 70% Isopropyl alcohol

Always follow the disinfectant's instructions for appropriate contact time and rinsing requirements.

Avoid oversaturation and make sure that the product does not stay wet longer than the chemical manufacturer's guidelines for proper disinfecting.

To disinfect the product:

1. Thoroughly clean and dry the product before you apply disinfectants.
2. Apply recommended disinfectant solution by spray or pre-soaked wipes  
**Note:** Make sure that you follow the disinfectant's instructions for appropriate contact time and rinsing requirements.
3. To disinfect mechanisms, lift the backrest and leg rest up to the highest height.
4. Wipe product surfaces and mechanisms with a clean, dry cloth to remove any excess liquid or cleaning agent.
5. Allow the product to dry completely before returning to service.

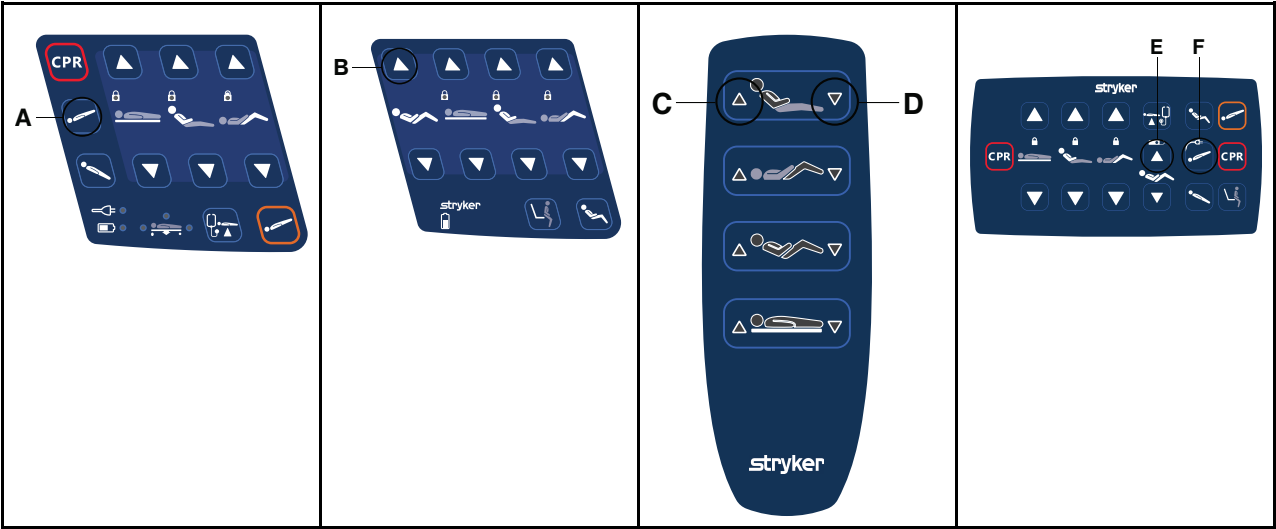
# Troubleshooting

Problem	Possible Cause	Solution
Bed does not operate	<ol style="list-style-type: none"> <li>1. Power cable does not plug to the mains.</li> <li>2. Power cable is damaged.</li> <li>3. Nurse control unit or hand control unit may be locked.</li> <li>4. Control box does not operate</li> </ol>	<ol style="list-style-type: none"> <li>1. Ensure power cable and plug are not damaged and then plug the power cable to the mains.</li> <li>2. Replace the power cable by the authorized service personnel.</li> <li>3. Nurse control Unit activation button should be checked. (On-off). Inspect the nurse control unit or hand control unit and make sure they are not locked.</li> <li>4. Control box should be replaced, call the technical service.</li> </ol>
When the system operates, one of the actuators does not operate and control box gives a click sound	<ol style="list-style-type: none"> <li>1. Actuator cable may be out of the control box socket.</li> <li>2. Actuator cable is damaged.</li> <li>3. Actuator is damaged;</li> <li>4. CPR wire remains stuck;</li> <li>5. Control box is damaged.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check socket connections of the control box.</li> <li>2. Actuator cable should be replaced, call the service center.</li> <li>3. Actuator should be replaced, call the service center.</li> <li>4. Inspect CPR wire and nut adjustment.</li> <li>5. Control box should be replaced, call the service center.</li> </ol>
When the system operates, one of the actuators does not operate and control box <b>does not</b> give a click sound	<ol style="list-style-type: none"> <li>1. Nurse control unit or hand control unit may be partly locked.</li> <li>2. Control unit is damaged,</li> <li>3. Control box is damaged.</li> </ol>	<ol style="list-style-type: none"> <li>1. Inspect nurse control unit or hand control and make sure they are not locked.</li> <li>2. Unplug side rail control unit from the socket and check for function with the nurse control unit. If function is restored, there may be a problem with one of the control units. Call technical service.</li> <li>3. Control box should be replaced, call the service center.</li> </ol>
Battery is possibly discharged and does not give click sound	<ol style="list-style-type: none"> <li>1. Battery is completely discharged</li> <li>2. Battery is damaged or expired.</li> </ol>	<ol style="list-style-type: none"> <li>1. Recharge the battery.</li> <li>2. Battery should be replaced, call the service center.</li> </ol>
System operates but actuators move slowly	Power is possibly disconnected and the bed operates by battery.	<ol style="list-style-type: none"> <li>1. Power cable might have come out of the control panel; check it.</li> <li>2. Check the connections of the power cable.</li> <li>3. Check the socket.</li> </ol>

# Troubleshooting

Problem	Possible Cause	Solution
		4. Recharge the battery, call the service center.
Control box beeps while actuators are raised and actuators will not move in the downward direction	Control box actuator position reference has been lost.	<ol style="list-style-type: none"> <li>1. Unplug the power cord and turn off the battery.</li> <li>2. Plug in the power cord and turn on the battery.</li> <li>3. Run each upper actuator to its highest position.</li> </ol>
<p>Failure Mode :</p> <p>Bed does not operate due to actuator failure or power request error. When a failure mode occurs and a key is activated the system will beep quickly, and if LEDs are used for locking functions on Nurse Control Unit, these will blink quickly, except when powering down on battery.</p> <p>Failure indications:</p> <p>1) All Nurse Control Unit LEDs are blinking.</p> <p>2) The CB6 buzzer beeps quickly if the handset is activated.</p>	<ol style="list-style-type: none"> <li>1. Actuator cables are unplugged.</li> <li>2. Electrical short in a control cable (cable of control units or actuators).</li> <li>3. If a function is activated but the actuator configuration doesn't support the function.</li> <li>4. Switch has failed in an actuator.</li> <li>5. Control pendant (nurse or patient) or siderail control panel has failed.</li> <li>6. Control box has failed.</li> </ol>	<ol style="list-style-type: none"> <li>1. Reset the failure mode.</li> <li>2. <ol style="list-style-type: none"> <li>a. Press and hold the Trendelenburg button (A) on the nurse control panel and the Autocontour up (B) on the patient control panel at the same time for five seconds.</li> </ol> <p><b>Note:</b> The Trendelenburg and Autocontour up buttons are found on the opposite sides of the same siderail control panel.</p> <ol style="list-style-type: none"> <li>b. Press and hold the Backrest up (C) and Backrest down (D) buttons at the same time on the patient control pendant (option), or Autocontour up (E) and Trendelenburg (F) buttons at the same time on the nurse control pendant (option) for five seconds.</li> </ol> </li> <li>3. After five seconds, you will hear a buzzer.</li> <li>4. Keep pressing buttons until the buzzer stops.</li> <li>5. LEDs will stop blinking.</li> <li>6. Press the CPR button in to zero all the actuators.</li> <li>7. Failure mode does not result in a position lost. Make sure that the system is in a safe position after resetting the failure mode.</li> <li>8. Continue to troubleshoot through possible causes until corrected.</li> </ol>

# Troubleshooting



## Quick reference replacement parts

These parts are currently available for purchase. Call Stryker Customer Service: + 90 (352) 321 43 00 (pbx) for availability and pricing.

Kit name	Number	Kit contents		
		Number	Name	Quantity
Actuator kit, Fowler (backrest)	YM-KIT-100049	HM-11-31	Ø 10 rue clip	2
		HM-12-FTR010	Ø14xØ10x65 mm	2
		HM-17-303	4000 N LA40 QR 215 mm actuator	1
		YM-HM-02-027	Actuator pin fixing bush	1
Actuator kit, gatch (legrest)	YM-KIT-100051	HM-02-283	2 mm plastic washer (10 mm plastic washer) mould NO 34	2
		HM-11-31	Ø10 rue clip	3
		HM-12-FTR010	Ø14xØ10x65 mm	1
		HM-12-FTR009	Actuator calf pin 10x96, 5 mm	1
		HM-17-305	6000 N LA40 100 mm stroke actuator	1
		YM-HM-02-070	5 mm PLS washer (inside diameter 10 mm washer)	2
		YM-HM-02-287	10*14 mm PLS washer mould NO 36	2
		YM-HM-02-027	Actuator pin fixing bush	1
Actuator kit, lift	YM-KIT-100050	HM-11-31	Ø10 rue clip	2
		HM-12-FTR010	Ø14xØ10x65 mm actuator connection pin	1
		HM-12-FTR011	10x41 mm actuator connection pin	1
		HM-17-304	J13205-8000 N LA40 150 mm stroke actuator	1
		YM-HM-02-027	Actuator pin fixing bush	1
Battery replacement kit	YM-KIT-100001	HM-05-043	M5*20 imbus bolt	4
		HM-07-22	M6 iron washer (small)	4
		HM-08-04	M5 fibered nut	4
		HM-16-03	Ø25 clips (UB250C-N 245x4,6 cable connector)	2

## Quick reference replacement parts

Kit name	Number	Kit contents		
		Number	Name	Quantity
		HM-17-16	BA1812-1300-000 Linak CB6 battery	1
Brake pedal replacement kit, left	YM-KIT-100082	YM-SV2PDL-001-BY	Pedal sheet weld assembly	1
		YM-HM-02-023	Pedal plastic body	1
		HM-20-424	Pedal label-left	1
		HM-20-423	Pedal label-right	1
		HM-07-22	M6 iron washer (small)	1
		HM-08-05	M6 fibered nut	1
		HM-12-905	Transfer laser cut part bushing (bronz)	1
		HM-07-09	Special pedal washer	2
		HM-06-86	Ø6 x 16 cross recessed raised cheese head screws	2
		HM-11-34	Ø13 rue segman	1
		HM-06-001	M6 x 25 mushroom head square neck bolt	1
Brake pedal replacement kit, right	YM-KIT-100083	YM-SV2PDL-001-BY	Pedal sheet weld assembly	1
		YM-HM-02-023	Pedal plastic body	1
		HM-20-423	Pedal label-right	1
		HM-07-22	M6 iron washer (small)	1
		HM-08-05	M6 fibered nut	1
		HM-12-905	Transfer laser cut part bushing (bronz)	1
		HM-07-09	Special pedal washer	2
		HM-06-86	Ø6 x 16 cross recessed raised cheese head screws	2
		HM-11-34	Ø13 rue segman	1
		HM-06-001	M6 x 25 mushroom head square neck bolt	1
Caster kit, dual wheel no steer lock, antistatic (150 mm)	YM-KIT-100041	HM-01-86	2946USP150R36-32S30 D RAL 9002 4XM6 TENTE 150 mm double no steer	1

## Quick reference replacement parts

Kit name	Number	Kit contents		
		Number	Name	Quantity
			lock antistatic caster (Stryker)	
		HM-05-106	M6*16 imbus bolt	2
		HM-09-30	M6 toothed washer (DIN 6797 A)	2
		HM-11-34	Ø13 rue clip	2
		YM-HM-02-71	12 thick PLS washer DMR071	2
		YM-HM-02-299	50*50 caster profile cap PLS (lower chasis PLS) 51 mould	1
		HM-11-10	11 mm Snap ring (lipper) KMS starlock push on BV/6706 fastener	1
Caster kit, dual wheel no steer lock, not antistatic (150 mm)	YM-KIT-100042	HM-01-26	2946UAP150R36-32S30 D RAL 9002 4XM6 TENTE 150 mm double no steer lock not antistatic caster (Stryker)	1
		HM-05-106	M6*16 imbus bolt	2
		HM-09-30	M6 toothed washer (DIN 6797 A)	2
		HM-11-34	Ø13 rue clip	2
		YM-HM-02-71	12 thick PLS washer DMR071	2
		YM-HM-02-299	50*50 caster profile cap PLS (lower chasis PLS) 51 mould	1
		HM-11-10	11 mm Snap ring (lipper) KMS starlock push on BV/6706 fastener	1
Caster kit, Ø=150 dual-steer lock, not antistatic (150 mm)	YM-KIT-100043	HM-01-87	Ø=150 dual-Stryker cap-steer lock-not antistatic-2944UAP150R36-32S30	1
		HM-05-106	M6*16 imbus bolt	2
		HM-09-30	M6 toothed washer (DIN 6797 A)	2
		HM-11-34	Ø13 rue clip	2



## Quick reference replacement parts

Kit name	Number	Kit contents		
		Number	Name	Quantity
		YM-HM-02-71	12 thick PLS washer DMR071	2
		YM-HM-02-299	50*50 caster profile cap PLS (lower chasis PLS) 51 mould	1
		HM-11-10	11 mm Snap ring (lipper) KMS starlock push on BV/6706 fastener	1
Caster kit, single wheel no steer lock, not antistatic	YM-KIT-100044	HM-01-54	2046UAP150R36-32S30 150 mm no steer lock not antistatic single caster	1
		HM-05-106	M6*16 imbus bolt	2
		HM-09-30	M6 toothed washer (DIN 6797 A)	2
		HM-11-34	Ø13 rue clip	2
		YM-HM-02-71	12 thick PLS washer DMR071	2
		YM-HM-02-299	50*50 caster profile cap PLS (lower chasis PLS) 51 mould	1
		HM-11-10	11 mm Snap ring (lipper) KMS starlock push on BV/6706 fastener	1
Caster kit, Ø 150 integral no steer lock, no antistatic wheel	YM-KIT-100045	HM-01-80	Ø150 integral no steer lock, no antistatic wheel-1046UAP150R36-32S30	1
		HM-05-106	M6*16 imbus bolt	2
		HM-09-30	M6 toothed washer (DIN 6797 A)	2
		HM-11-34	Ø13 rue clip	2
		YM-HM-02-71	12 thick PLS washer DMR071	2
		YM-HM-02-299	50*50 caster profile cap PLS (lower chasis PLS) 51 mould	1
		HM-11-10	11 mm Snap ring (lipper) KMS starlock	1

## Quick reference replacement parts

Kit name	Number	Kit contents		
		Number	Name	Quantity
			push on BV/6706 fastener	
Caster kit, Ø 150 no steer lock, antistatic single	YM-KIT-100046	HM-01-83	Ø150 integral, no steer lock, antistatic single caster-2046XSX150R36-32S30	1
		HM-05-106	M6*16 imbus bolt	2
		HM-09-30	M6 toothed washer (DIN 6797 A)	2
		HM-11-34	Ø13 rue clip	2
		YM-HM-02-71	12 thick PLS washer DMR071	2
		YM-HM-02-299	50*50 caster profile cap PLS (lower chasis PLS) 51 mould	1
		HM-11-10	11 mm Snap ring (lipper) KMS starlock push on BV/6706 fastener	1
Caster kit, Ø 150 steer lock, antistatic wheel	YM-KIT-100047	HM-01-83	Ø150 integral steer lock, antistatic wheel-1044XSP150R36-32S30	1
		HM-05-106	M6*16 imbus bolt	2
		HM-09-30	M6 toothed washer (DIN 6797 A)	2
		HM-11-34	Ø13 rue clip	2
		YM-HM-02-71	12 thick PLS washer DMR071	2
		YM-HM-02-299	50*50 caster profile cap PLS (lower chasis PLS) 51 mould	1
		HM-11-10	11 mm Snap ring (lipper) KMS starlock push on BV/6706 fastener	1
Caster kit, Ø 150 steer lock, not antistatic single	YM-KIT-100048	HM-01-84	Ø150 integral, steer lock, not antistatic single caster-2044UAP150R36-32S30	1
		HM-05-106	M6*16 imbus bolt	2

## Quick reference replacement parts

Kit name	Number	Kit contents		
		Number	Name	Quantity
		HM-09-30	M6 toothed washer (DIN 6797 A)	2
		HM-11-34	Ø13 rue clip	2
		YM-HM-02-71	12 thick PLS washer DMR071	2
		YM-HM-02-299	50*50 caster profile cap PLS (lower chasis PLS) 51 mould	1
		HM-11-10	11 mm Snap ring (lipper) KMS starlock push on BV/6706 fastener	1
Fifth wheel assembly kit	YM-KIT-100084	YM-5TKR-001	5.wheel assembly group	1
		YM-04-142-BY	5.wheel-base frame connection sheet	2
		HM-07-22	M6 steel washer (small)	4
		HM-05-041	M6*30 hexagon socket button head screw	4
		HM-12-004	Ø8 perforated pin	1
		HM-11-35	Ø8 rue clip	1
		YM-HM-02-026	8,5 x 16 x 2,2 mm plastic washer	1
Fifth wheel replacement kit	YM-KIT-100085	HM-01-32	Tente PJO100x32-Ø12 - wheel	1
		YM-HM-02-030	5th wheel - wheel washer	2
		HM-07-03	M8 steel washer	2
		HM-08-06	M8 self-lock hex nut	1
		HM-05-048	M8*60 hexagon socket button head screw	1
Control box replacement kit	YM-KIT-100040	HM-05-010	M6*50 steel bolt	1
		HM-07-01	M6 metal standard washer (large) 1/4 washer	2
		HM-08-05	M6 fibered nut	1
		HM-17-314	SV2 control box CB6777-00	1

## Quick reference replacement parts

Kit name	Number	Kit contents		
		Number	Name	Quantity
Footboard kit with logo, dark blue	YM-KIT-100033	YM-FTRBASLIK-MN1	Future polypropylene bed head and foot assembly	1
		HM-20-870	SV2 dark blue (Stryker) foot end bed head color sticker with Stryker logo	1
		HM-22-1780	3M primer 94 handkerchief	1
Footboard-headboard kit	YM-KIT-100087	YM-FTRBASLIK-MN1	Future polypropylene head and foot assembly	1
		HM-22-1780	3M primer 94 handkerchief	1
Headboard kit, dark blue	YM-KIT-100005-B	YM-FTRBASLIK-MN1	Future polypropylene head and foot assembly	1
		HM-22-1780	3M primer 94 handkerchief	1
		HM-20-871	SV2 dark blue (Stryker) head color sticker	1
Label kit, dark blue	YM-KIT-100032	HM-20-870	SV2 dark blue (Stryker) foot end bed head color sticker with Stryker logo	1
		HM-20-871	SV2 dark blue (Stryker) head color sticker	1
		HM-20-872	SV2 dark blue (Stryker) upper right siderail color sticker	1
		HM-20-873	SV2 dark blue (Stryker) upper left siderail color sticker	1
		HM-20-874	SV2 dark blue (Stryker) lower right siderail color sticker	1
		HM-20-875	SV2 dark blue (Stryker) lower left siderail color sticker	1
		HM-22-1780	3M primer 94 handkerchief	6
SV2 nurse control pendant kit	YM-KIT-100060	HM-16-03	Ø25 clips (UB250C-N 245x4,6 cable connector)	5

## Quick reference replacement parts

Kit name	Number	Kit contents		
		Number	Name	Quantity
		HM-17-103	0964541 Linak supervisor spiral cable	1
		HM-17-313	AC0076-00 Attendance control (hand held for nurse)	1
		HM-17-186	00911045 ACO snap ring	1
Power cord replacement kit, type B (Japan)	YM-KIT-100061	HM-16-03	Ø25 clips (UB250C-N 245x4,6 cable connector)	5
		YM-HM-02-040	Ø7 Plastic cable holder	1
		HM-06-09	Ø3,9 x 25 Countersunk milling head self drilling screw	2
		HM-17-020	Japan, type B, straight/black	1
Power cord replacement kit, type B (North/South America)	YM-KIT-100062	HM-16-03	Ø25 clips (UB250C-N 245x4,6 cable connector)	5
		YM-HM-02-041	Ø8,5 Plastic cable holder	1
		HM-06-09	Ø3,9 x 25 Countersunk milling head self drilling screw	2
		HM-17-021	Type B SJT North/South America	1
Power cord replacement kit, type 1 straight orange (Australia)	YM-KIT-100063	YM-HM-02-040	Ø7 Plastic cable holder	1
		HM-06-09	Ø3,9 x 25 Countersunk milling head self drilling screw	2
		HM-17-017	Type 1, Australia straight orange	1
Power cord replacement kit, type B coiled orange (North/South America)	YM-KIT-100064	HM-16-03	Ø25 clips (UB250C-N 245x4,6 cable connector)	5
		YM-HM-02-041	Ø8,5 Plastic cable holder	1
		HM-06-09	Ø3,9 x 25 Countersunk milling	2

## Quick reference replacement parts

Kit name	Number	Kit contents		
		Number	Name	Quantity
			head self drilling screw	
		HM-17-023	Type B, SJT North/South America coiled orange	1
Power cord replacement kit, type B (Taiwan)	YM-KIT-100065	HM-16-03	Ø25 clips (UB250C-N 245x4,6 cable connector)	5
		YM-HM-02-041	Ø8,5 Plastic cable holder	1
		HM-06-09	Ø3,9 x 25 Countersunk milling head self drilling screw	2
		HM-17-024	Type B Taiwan	1
Power cord replacement kit, type B coiled (Philippines)	YM-KIT-100066	HM-16-03	Ø25 clips (UB250C-N 245x4,6 cable connector)	5
		YM-HM-02-041	Ø8,5 Plastic cable holder	1
		HM-06-09	Ø3,9 x 25 Countersunk milling head self drilling screw	2
		HM-17-025	Philippines coiled power cord	1
Power cord replacement kit, type D straight (India)	YM-KIT-100067	HM-16-03	Ø25 clips (UB250C-N 245x4,6 cable connector)	5
		YM-HM-02-040	Ø7 Plastic cable holder	1
		HM-06-09	Ø3,9 x 25 Countersunk milling head self drilling screw	2
		HM-17-026	India type D straight/black	1
Power cord replacement kit, type E/F schuko straight (Europe)	YM-KIT-100068	HM-16-03	Ø25 clips (UB250C-N 245x4,6 cable connector)	5
		YM-HM-02-040	Ø7 Plastic cable holder	1
		HM-06-09	Ø3,9 x 25 Countersunk milling head self drilling screw	2

## Quick reference replacement parts

Kit name	Number	Kit contents		
		Number	Name	Quantity
		HM-17-027	Europe/schuko straight/black	1
Power cord replacement kit, type E/F coiled black (Korean)	YM-KIT-100069	HM-16-03	Ø25 clips (UB250C-N 245x4,6 cable connector)	5
		YM-HM-02-040	Ø7 Plastic cable holder	1
		HM-06-09	Ø3,9 x 25 Countersunk milling head self drilling screw	2
		HM-17-028	Korean, coiled black	1
Power cord replacement kit, type E/F schuko coiled orange (Europe)	YM-KIT-100070	HM-16-03	Ø25 clips (UB250C-N 245x4,6 cable connector)	5
		YM-HM-02-040	Ø7 Plastic cable holder	1
		HM-06-09	Ø3,9 x 25 Countersunk milling head self drilling screw	2
		HM-17-029	Europe/schuko coiled orange	1
Power cord replacement kit, type G coiled orange (United Kingdom)	YM-KIT-100071	HM-16-03	Ø25 clips (UB250C-N 245x4,6 cable connector)	5
		YM-HM-02-040	Ø7 Plastic cable holder	1
		HM-06-09	Ø3,9 x 25 Countersunk milling head self drilling screw	2
		HM-17-032	Type G United Kingdom coiled orange	1
Power cord replacement kit, type H straight black (Israel)	YM-KIT-100072	HM-16-03	Ø25 clips (UB250C-N 245x4,6 cable connector)	5
		YM-HM-02-040	Ø7 Plastic cable holder	1
		HM-06-09	Ø3,9 x 25 Countersunk milling head self drilling screw	2
		HM-17-033	Type H Israel, straight black	1

## Quick reference replacement parts

Kit name	Number	Kit contents		
		Number	Name	Quantity
Power cord replacement kit, type I straight black (Argentina)	YM-KIT-100073	HM-16-03	Ø25 clips (UB250C-N 245x4,6 cable connector)	5
		YM-HM-02-040	Ø7 Plastic cable holder	1
		HM-06-09	Ø3,9 x 25 Countersunk milling head self drilling screw	2
		HM-17-034	Type I Argentina straight black	1
Power cord replacement kit, type I straight black (Australia)	YM-KIT-100074	HM-16-03	Ø25 clips (UB250C-N 245x4,6 cable connector)	5
		YM-HM-02-040	Ø7 Plastic cable holder	1
		HM-06-09	Ø3,9 x 25 Countersunk milling head self drilling screw	2
		HM-17-035	Type I Australia straight black	1
Power cord replacement kit, type I coiled orange (Argentina)	YM-KIT-100075	HM-16-03	Ø25 clips (UB250C-N 245x4,6 cable connector)	5
		YM-HM-02-040	Ø7 Plastic cable holder	1
		HM-06-09	Ø3,9 x 25 Countersunk milling head self drilling screw	2
		HM-17-037	Type I Argentina coiled orange	1
Power cord replacement kit, type J straight black (Switzerland)	YM-KIT-100076	HM-16-03	Ø25 clips (UB250C-N 245x4,6 cable connector)	5
		YM-HM-02-040	Ø7 Plastic cable holder	1
		HM-06-09	Ø3,9 x 25 Countersunk milling head self drilling screw	2
		HM-17-038	Type J Switzerland straight black	1



## Quick reference replacement parts

Kit name	Number	Kit contents		
		Number	Name	Quantity
Power cord replacement kit, type K straight black (Denmark)	YM-KIT-100077	HM-16-03	Ø25 clips (UB250C-N 245x4,6 cable connector)	5
		YM-HM-02-040	Ø7 Plastic cable holder	1
		HM-06-09	Ø3,9 x 25 Countersunk milling head self drilling screw	2
		HM-17-039	Type K Denmark straight black	1
Power cord replacement kit, type L straight black (Italy)	YM-KIT-100078	HM-16-03	Ø25 clips (UB250C-N 245x4,6 cable connector)	5
		YM-HM-02-040	Ø7 Plastic cable holder	1
		HM-06-09	Ø3,9 x 25 Countersunk milling head self drilling screw	2
		HM-17-040	Type L Italy straight black	1
Power cord replacement kit, type M straight black (South Africa)	YM-KIT-100079	HM-16-03	Ø25 clips (UB250C-N 245x4,6 cable connector)	5
		YM-HM-02-040	Ø7 Plastic cable holder	1
		HM-06-09	Ø3,9 x 25 Countersunk milling head self drilling screw	2
		HM-17-041	Type M South Africa, straight black	1
Power cord replacement kit, type N straight black (Brazil)	YM-KIT-100080	HM-16-03	Ø25 clips (UB250C-N 245x4,6 cable connector)	5
		YM-HM-02-040	Ø7 Plastic cable holder	1
		HM-06-09	Ø3,9 x 25 Countersunk milling head self drilling screw	2
		HM-17-042	Type N Brazil straight black	1

## Quick reference replacement parts

Kit name	Number	Kit contents		
		Number	Name	Quantity
Internal universal power cord replacement kit	YM-KIT-100081	HM-16-03	Ø25 clips (UB250C-N 245x4,6 cable connector)	5
		HM-10-018	P-clamp	1
		HM-06-121	M4, 2*19 mm self tapping screw	1
		HM-17-043	Internal universal power cord	1
Roller bumper replacement kit	YM-KIT-100009	HM-02-354	Future bumper	1
		HM-11-26	5 mm C shape snap ring DIN 6799	1
		HM-12-FTR001	12-FT001 future bumper pin	1
Backrest siderail gas cylinder kit	YM-KIT-100010	HM-11-18	Q8 capped snap ring (DT/6671/43A)	2
		HM-12-146	12-146 8 x 31 mm side rail pin	1
		HM-18-27	Future side rail shock absorber 640015004	1
		HM-05-018	M8*90 half thread steel bolt	1
		YM-HM-02-418	Future side rail shock absorber PLS	2
		HM-07-03	M8 iron washer	2
		HM-08-06	M8 fibered nut	1
		HM-20-557	Ø15 clips	1
Footrest siderail gas cylinder kit	YM-KIT-100038	HM-11-18	Q8 capped snap ring (DT/6671/43A)	2
		HM-12-146	12-146 8 x 31 mm side rail pin	1
		HM-18-27	Future side rail shock absorber 640015004	1
		HM-11-05	6 mm C shape snap ring DIN 6799	1
		HM-02-283	2 mm plastic washer (10 mm plastic washer) mould NO 34	2
		HM-12-FTR005	Shock absorber connection pin	1
Siderail kit, foot end left	YM-KIT-100052	YM-02-142-MN1	SV2 Left foot siderail assembly	1

## Quick reference replacement parts

Kit name	Number	Kit contents		
		Number	Name	Quantity
		HM-12-FTR005	12-FTR005 shock absorber connection pin	1
		HM-02-283	2 mm plastic washer (10 mm plastic washer) mould NO 34	6
		HM-11-05	6 mm C shape snap ring DIN 6799	1
		HM-11-19	Q10 capped snap ring (DT/6668/44A)	2
		HM-11-31	Ø10 rue clip	2
		HM-12-005	10x123,5 mm siderail pin	1
		HM-12-145	12-145 10 x 305 mm siderail pin	1
		YM-HM-02-028	Side board lock plastic-long	2
		YM-HM-02-029	Side board lock plastic-short	1
		HM-22-1780	3M primer 94 handkerchief	1
		HM-20-394	Warning, crushing of hands label	1
Siderail kit, foot end left, dark blue	YM-KIT-100052-B	YM-02-142-MN1	SV2 Left foot siderail assembly	1
		HM-12-FTR005	12-FTR005 shock absorber connection pin	1
		HM-02-283	2 mm plastic washer (10 mm plastic washer) mould NO 34	6
		HM-11-05	6 mm C shape snap ring DIN 6799	1
		HM-11-19	Q10 capped snap ring (DT/6668/44A)	2
		HM-11-31	Ø10 rue clip	2
		HM-12-005	10x123,5 mm siderail pin	1
		HM-12-145	12-145 10 x 305 mm siderail pin	1

## Quick reference replacement parts

Kit name	Number	Kit contents		
		Number	Name	Quantity
		YM-HM-02-028	Side board lock plastic-long	2
		YM-HM-02-029	Side board lock plastic-short	1
		HM-22-1780	3M primer 94 handkerchief	1
		HM-20-394	Warning, crushing of hands label	1
		HM-20-875	SV2 dark blue (Stryker) lower left siderail color sticker	1
Siderail kit, foot end right	YM-KIT-100053	YM-02-144-MN1	SV2 Right foot siderail assembly	1
		HM-12-FTR005	12-FTR005 shock absorber connection pin	1
		HM-02-283	2 mm plastic washer (10 mm plastic washer) mould NO 34	6
		HM-11-05	6 mm C shape snap ring DIN 6799	1
		HM-11-19	Q10 capped snap ring (DT/6668/44A)	2
		HM-11-31	Ø10 rue clip	2
		HM-12-005	10x123,5 mm siderail pin	1
		HM-12-145	12-145 10 x 305 mm siderail pin	1
		YM-HM-02-028	Side board lock plastic-long	2
		YM-HM-02-029	Side board lock plastic-short	1
		HM-22-1780	3M primer 94 handkerchief	1
		HM-20-394	Warning, crushing of hands label	1
Siderail kit, foot end right, dark blue	YM-KIT-100053-B	YM-02-144-MN1	SV2 Right foot siderail assembly	1
		HM-12-FTR005	12-FTR005 shock absorber connection pin	1
		HM-02-283	2 mm plastic washer (10 mm plastic	6

## Quick reference replacement parts

Kit name	Number	Kit contents		
		Number	Name	Quantity
			washer) mould NO 34	
		HM-11-05	6 mm C shape snap ring DIN 6799	1
		HM-11-19	Q10 capped snap ring (DT/6668/44A)	2
		HM-11-31	Ø10 rue clip	2
		HM-12-005	10x123,5 mm siderail pin	1
		HM-12-145	12-145 10 x 305 mm siderail pin	1
		YM-HM-02-028	Side board lock plastic-long	2
		YM-HM-02-029	Side board lock plastic-short	1
		HM-22-1780	3M primer 94 handkerchief	1
		HM-20-394	Warning, crushing of hands label	1
		HM-20-874	SV2 dark blue (Stryker) lower left siderail color sticker	1
Siderail kit, head end left with unit	YM-KIT-100054	YM-02-141-MN2	SV2 Back left siderail assembly with unit	1
		HM-22-1780	3M primer 94 handkerchief	1
		HM-02-283	2 mm plastic washer (10 mm plastic washer) mould NO 34	4
		HM-11-19	Q10 capped snap ring (DT/6668/44A)	2
		HM-12-005	10x123,5 mm siderail pin	1
		HM-12-145	12-145 10 x 305 mm siderail pin	1
		YM-HM-02-418	Future siderail shock absorber PLS	2
		HM-05-018	M8*90 half thread steel bolt	1
		HM-20-557	Ø15 clips	5
		HM-07-03	M8 iron washer	2

## Quick reference replacement parts

Kit name	Number	Kit contents		
		Number	Name	Quantity
		HM-08-06	M8 fibered nut	1
		HM-11-31	Ø10 rue clip	2
		YM-HM-02-028	Side board lock plastic-long	2
		YM-HM-02-029	Side board lock plastic-short	1
		HM-20-394	Warning, crushing of hands label	1
Siderail kit, head end left with unit, dark blue	YM-KIT-100054-B	YM-02-141-MN2	SV2 Back left siderail assembly with unit	1
		HM-22-1780	3M primer 94 handkerchief	1
		HM-02-283	2 mm plastic washer (10 mm plastic washer) mould NO 34	4
		HM-11-19	Q10 capped snap ring (DT/6668/44A)	2
		HM-12-005	10x123,5 mm siderail pin	1
		HM-12-145	12-145 10 x 305 mm siderail pin	1
		YM-HM-02-418	Future siderail shock absorber PLS	2
		HM-05-018	M8*90 half thread steel bolt	1
		HM-20-557	Ø15 clips	5
		HM-07-03	M8 iron washer	2
		HM-08-06	M8 fibered nut	1
		HM-11-31	Ø10 rue clip	2
		YM-HM-02-028	Side board lock plastic-long	2
		YM-HM-02-029	Side board lock plastic-short	1
		HM-20-394	Warning, crushing of hands label	1
		HM-20-873	SV2 dark blue (Stryker) upper left siderail color sticker	1
Siderail kit, head end right with unit	YM-KIT-100055	YM-02-143-MN2	SV2 Back right siderail assembly with unit	1

## Quick reference replacement parts

Kit name	Number	Kit contents		
		Number	Name	Quantity
		HM-22-1780	3M primer 94 handkerchief	1
		HM-02-283	2 mm plastic washer (10 mm plastic washer) mould NO 34	4
		HM-11-19	Q10 capped snap ring (DT/6668/44A)	2
		HM-12-005	10x123,5 mm siderail pin	1
		HM-12-145	12-145 10 x 305 mm siderail pin	1
		YM-HM-02-418	Future siderail shock absorber PLS	2
		HM-05-018	M8*90 half thread steel bolt	1
		HM-20-557	Ø15 clips	5
		HM-07-03	M8 iron washer	2
		HM-08-06	M8 fibered nut	1
		HM-11-31	Ø10 rue clip	2
		YM-HM-02-028	Side board lock plastic-long	2
		YM-HM-02-029	Side board lock plastic-short	1
		HM-20-394	Warning, crushing of hands label	1
Siderail kit, head end right with unit, dark blue	YM-KIT-100055-B	YM-02-143-MN2	SV2 Back right siderail assembly with unit	1
		HM-22-1780	3M primer 94 handkerchief	1
		HM-02-283	2 mm plastic washer (10 mm plastic washer) mould NO 34	4
		HM-11-19	Q10 capped snap ring (DT/6668/44A)	2
		HM-12-005	10x123,5 mm siderail pin	1
		HM-12-145	12-145 10 x 305 mm siderail pin	1
		YM-HM-02-418	Future siderail shock absorber PLS	2

## Quick reference replacement parts

Kit name	Number	Kit contents		
		Number	Name	Quantity
		HM-05-018	M8*90 half thread steel bolt	1
		HM-20-557	Ø15 clips	5
		HM-07-03	M8 iron washer	2
		HM-08-06	M8 fibered nut	1
		HM-11-31	Ø10 rue clip	2
		YM-HM-02-028	Side board lock plastic-long	2
		YM-HM-02-029	Side board lock plastic-short	1
		HM-20-394	Warning, crushing of hands label	1
		HM-20-872	SV2 dark blue (Stryker) upper right siderail color sticker	1
Siderail kit, head end left W/O unit	YM-KIT-100056	YM-02-141-MN4	SV2 Back left siderail assembly w/o unit	1
		HM-22-1780	3M primer 94 handkerchief	1
		HM-02-283	2 mm plastic washer (10 mm plastic washer) mould NO 34	4
		HM-11-19	Q10 capped snap ring (DT/6668/44A)	2
		HM-12-005	10x123,5 mm siderail pin	1
		HM-12-145	12-145 10 x 305 mm siderail pin	1
		YM-HM-02-418	Future siderail shock absorber PLS	2
		HM-05-018	M8*90 half thread steel bolt	1
		HM-07-03	M8 iron washer	2
		HM-08-06	M8 fibered nut	1
		HM-11-31	Ø10 rue clip	2
		YM-HM-02-028	Side board lock plastic-long	2
		YM-HM-02-029	Side board lock plastic-short	1
		HM-20-394	Warning, crushing of hands label	1



## Quick reference replacement parts

Kit name	Number	Kit contents		
		Number	Name	Quantity
Siderail kit, head end left W/O unit, dark blue	YM-KIT-100056-B	YM-02-141-MN4	SV2 Back left siderail assembly w/o unit	1
		HM-22-1780	3M primer 94 handkerchief	1
		HM-02-283	2 mm plastic washer (10 mm plastic washer) mould NO 34	4
		HM-11-19	Q10 capped snap ring (DT/6668/44A)	2
		HM-12-005	10x123,5 mm siderail pin	1
		HM-12-145	12-145 10 x 305 mm siderail pin	1
		YM-HM-02-418	Future siderail shock absorber PLS	2
		HM-05-018	M8*90 half thread steel bolt	1
		HM-07-03	M8 iron washer	2
		HM-08-06	M8 fibered nut	1
		HM-11-31	Ø10 rue clip	2
		YM-HM-02-028	Side board lock plastic-long	2
		YM-HM-02-029	Side board lock plastic-short	1
		HM-20-394	Warning, crushing of hands label	1
		HM-20-873	SV2 dark blue (Stryker) upper left siderail color sticker	1
Siderail kit, head end right W/O control panel	YM-KIT-100057	YM-02-143-MN4	SV2 Back right siderail assembly w/o unit	1
		HM-22-1780	3M primer 94 handkerchief	1
		HM-02-283	2 mm plastic washer (10 mm plastic washer) mould NO 34	4
		HM-11-19	Q10 capped snap ring (DT/6668/44A)	2
		HM-12-005	10x123,5 mm siderail pin	1

## Quick reference replacement parts

Kit name	Number	Kit contents		
		Number	Name	Quantity
		HM-12-145	12-145 10 x 305 mm siderail pin	1
		YM-HM-02-418	Future siderail shock absorber PLS	2
		HM-05-018	M8*90 half thread steel bolt	1
		HM-07-03	M8 iron washer	2
		HM-08-06	M8 fibered nut	1
		HM-11-31	Ø10 rue clip	2
		YM-HM-02-028	Side board lock plastic-long	2
		YM-HM-02-029	Side board lock plastic-short	1
		HM-20-394	Warning, crushing of hands label	1
Siderail kit, head end right W/O control panel, dark blue	YM-KIT-100057-B	YM-02-143-MN4	SV2 Back right siderail assembly w/o unit	1
		HM-22-1780	3M primer 94 handkerchief	1
		HM-02-283	2 mm plastic washer (10 mm plastic washer) mould NO 34	4
		HM-11-19	Q10 capped snap ring (DT/6668/44A)	2
		HM-12-005	10x123,5 mm siderail pin	1
		HM-12-145	12-145 10 x 305 mm siderail pin	1
		YM-HM-02-418	Future siderail shock absorber PLS	2
		HM-05-018	M8*90 half thread steel bolt	1
		HM-07-03	M8 iron washer	2
		HM-08-06	M8 fibered nut	1
		HM-11-31	Ø10 rue clip	2
		YM-HM-02-028	Side board lock plastic-long	2
		YM-HM-02-029	Side board lock plastic-short	1
		HM-20-394	Warning, crushing of hands label	1

## Quick reference replacement parts

Kit name	Number	Kit contents		
		Number	Name	Quantity
		HM-20-872	SV2 dark blue (Stryker) upper right siderail color sticker	1
Siderail kit, SV2-50 head end left with unit	YM-KIT-100058	YM-02-141-MN3	SV2-50 back left siderail assembly with unit	1
		HM-22-1780	3M primer 94 handkerchief	1
		HM-02-283	2 mm plastic washer (10 mm plastic washer) mould NO 34	4
		HM-11-19	Q10 capped snap ring (DT/6668/44A)	2
		HM-12-005	10x123,5 mm siderail pin	1
		HM-12-145	12-145 10 x 305 mm siderail pin	1
		YM-HM-02-418	Future siderail shock absorber PLS	2
		HM-05-018	M8*90 half thread steel bolt	1
		HM-07-03	M8 iron washer	2
		HM-08-06	M8 fibered nut	1
		HM-11-31	Ø10 rue clip	2
		YM-HM-02-028	Side board lock plastic-long	2
		YM-HM-02-029	Side board lock plastic-short	1
		HM-20-557	Ø15 clips	5
		HM-20-394	Warning, crushing of hands label	1
Siderail kit, SV2-50 head end left with unit, dark blue	YM-KIT-100058-B	YM-02-141-MN3	SV2-50 back left siderail assembly with unit	1
		HM-22-1780	3M primer 94 handkerchief	1
		HM-02-283	2 mm plastic washer (10 mm plastic washer) mould NO 34	4
		HM-11-19	Q10 capped snap ring (DT/6668/44A)	2

## Quick reference replacement parts

Kit name	Number	Kit contents		
		Number	Name	Quantity
		HM-12-005	10x123,5 mm siderail pin	1
		HM-12-145	12-145 10 x 305 mm siderail pin	1
		YM-HM-02-418	Future siderail shock absorber PLS	2
		HM-05-018	M8*90 half thread steel bolt	1
		HM-07-03	M8 iron washer	2
		HM-08-06	M8 fibered nut	1
		HM-11-31	Ø10 rue clip	2
		YM-HM-02-028	Side board lock plastic-long	2
		YM-HM-02-029	Side board lock plastic-short	1
		HM-20-557	Ø15 clips	5
		HM-20-394	Warning, crushing of hands label	1
		HM-20-873	SV2 dark blue (Stryker) upper left siderail color sticker	1
Siderail kit, SV2-50 head end right with unit	YM-KIT-100059	YM-02-143-MN3	SV2-50 back right siderail assembly with unit	1
		HM-22-1780	3M primer 94 handkerchief	1
		HM-02-283	2 mm plastic washer (10 mm plastic washer) mould NO 34	4
		HM-11-19	Q10 capped snap ring (DT/6668/44A)	2
		HM-12-005	10x123,5 mm siderail pin	1
		HM-12-145	12-145 10 x 305 mm siderail pin	1
		YM-HM-02-418	Future siderail shock absorber PLS	2
		HM-05-018	M8*90 half thread steel bolt	1
		HM-07-03	M8 iron washer	2
		HM-08-06	M8 fibered nut	1

## Quick reference replacement parts

Kit name	Number	Kit contents		
		Number	Name	Quantity
		HM-11-31	Ø10 rue clip	2
		YM-HM-02-028	Side board lock plastic-long	2
		YM-HM-02-029	Side board lock plastic-short	1
		HM-20-557	Ø15 clips	5
		HM-20-394	Warning, crushing of hands label	1
Siderail kit, SV2-50 head end right with unit, dark blue	YM-KIT-100059-B	YM-02-143-MN3	SV2-50 back right siderail assembly with unit	1
		HM-22-1780	3M primer 94 handkerchief	1
		HM-02-283	2 mm plastic washer (10 mm plastic washer) mould NO 34	4
		HM-11-19	Q10 capped snap ring (DT/6668/44A)	2
		HM-12-005	10x123,5 mm siderail pin	1
		HM-12-145	12-145 10 x 305 mm siderail pin	1
		YM-HM-02-418	Future siderail shock absorber PLS	2
		HM-05-018	M8*90 half thread steel bolt	1
		HM-07-03	M8 iron washer	2
		HM-08-06	M8 fibered nut	1
		HM-11-31	Ø10 rue clip	2
		YM-HM-02-028	Side board lock plastic-long	2
		YM-HM-02-029	Side board lock plastic-short	1
		HM-20-557	Ø15 clips	5
		HM-20-394	Warning, crushing of hands label	1
		HM-20-872	SV2 dark blue (Stryker) upper right siderail color sticker	1
Under bed light replacement kit	YM-KIT-100086	HM-17-297	Under bed light UBL2	1

## Quick reference replacement parts

---

Kit name	Number	Kit contents		
		Number	Name	Quantity
		HM-06-112	2,9*16 sheet metal screw	2

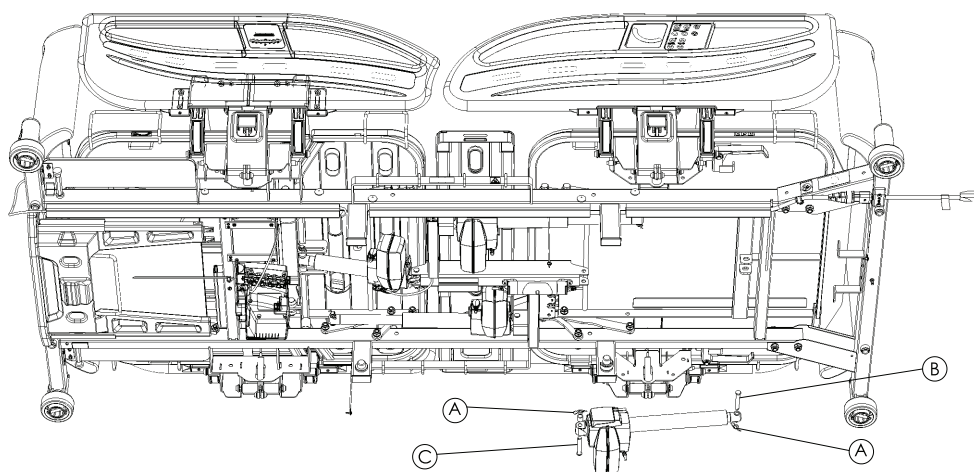
## Fowler (backrest) actuator replacement

### Tools required:

- Small flat screwdriver
- Needle nose pliers

### Procedure:

1. Apply the brakes.
2. Raise the product to the highest height position.
3. Power down the bed and unplug the power cord from the wall outlet.
4. Using the CPR release, lower the Fowler (backrest) to a flat (0 degrees) position.
5. Using a small flat screwdriver, push in both locking tabs to remove the cable retainer on the Fowler (backrest) actuator electrical quick connector.
6. Unplug the connector.
7. Using one hand to support the Fowler (backrest) actuator and a small flat screwdriver, open the CPR cable cover on the Fowler (backrest) actuator.
8. Pulling back on the CPR cables, remove the CPR cable mechanism from the Fowler (backrest) actuator.
9. Using needle nose pliers, remove and discard the rue ring cotter pins (A) ([Figure 2 on page 39](#)) from each clevis pin.



**Figure 2: Fowler (backrest) actuator**

10. Using one hand, support the Fowler (backrest) actuator and remove and save the head end clevis pin (B) ([Figure 2 on page 39](#)) then allow the Fowler (backrest) actuator to pivot down.
11. Using one hand, support the Fowler (backrest) actuator and remove and save the foot end clevis pin (C) ([Figure 2 on page 39](#)) and spacer.
12. Remove and discard the Fowler (backrest) actuator.
13. Reverse steps to reinstall.

**Note:** Make sure that the cable ties stay in the same position during reinstallation.

14. Verify proper operation of the product before returning it to service.

## Gatch (legrest) actuator replacement

### Tools required:

- Small flat screwdriver

## Gatch (legrest) actuator replacement (Continued)

- Needle nose pliers

### Procedure:

1. Apply the brakes.
2. Raise the product to the highest height position.
3. Power down the bed and unplug the power cord from the wall outlet.
4. Using a small flat screwdriver, push in both locking tabs to remove the cable retainer on the gatch (legrest) actuator electrical quick connector.
5. Unplug the gatch (legrest) actuator cable to allow the removal of the gatch (legrest) actuator.
6. Using needle nose pliers, remove and discard the rue ring cotter pins (A) (Figure 3 on page 40) from each clevis pin.

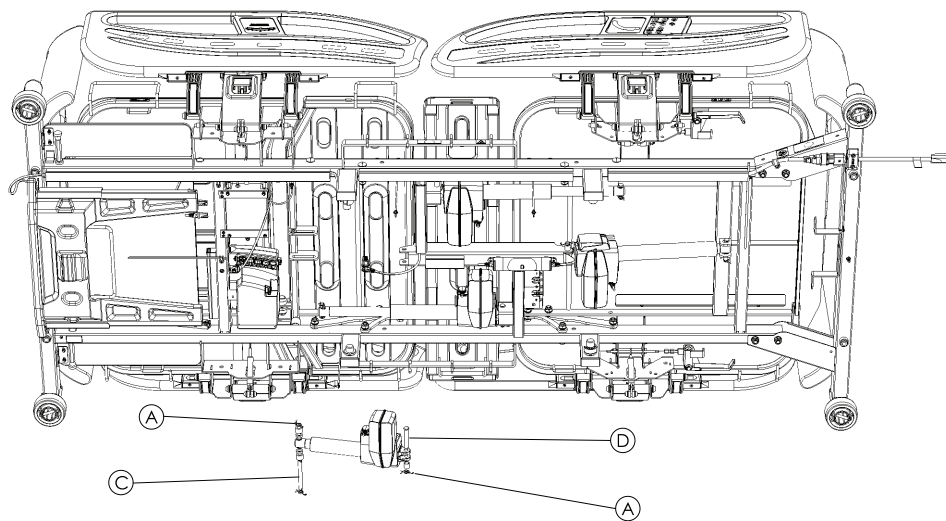


Figure 3: Gatch (legrest) actuator

7. Using one hand, support the gatch (legrest) actuator and remove the foot end clevis pin (C) (Figure 3 on page 40) and spacers then allow the gatch (legrest) actuator to pivot down.
8. Using one hand, support the gatch (legrest) actuator and remove the head end clevis pin (D) (Figure 3 on page 40) and spacer.
9. Remove and discard the gatch (legrest) actuator.
10. Reverse steps to reinstall.
11. Verify proper operation of the product before returning it to service.

## Head end lift actuator replacement

### Tools required:

- Small flat screwdriver
- Needle nose pliers

### Procedure:

1. Apply the brakes.
2. Support the head end litter cross brace (A) to support the head end litter (Figure 4 on page 41).



## Head end lift actuator replacement (Continued)

3. Power down the bed and unplug the power cord from the wall outlet.
4. Using a small flat screwdriver, gently push in both locking tabs to remove the cable retainer on the head end lift actuator electrical connector.
5. Unplug the connector.
6. Using needle nose pliers, remove and discard the rue ring cotter pins (B) from each clevis pin (Figure 4 on page 41).
7. Using one hand, support the head end lift actuator and remove and discard the head end clevis pin (C) then allow the head end lift actuator to pivot down (Figure 4 on page 41).
8. Using one hand, support the head end lift actuator and remove and discard the foot end clevis pin (D) and spacer (Figure 4 on page 41).
9. Remove and discard the head end lift actuator.
10. Reverse steps to reinstall.
11. Verify proper operation of the product before returning it to service.

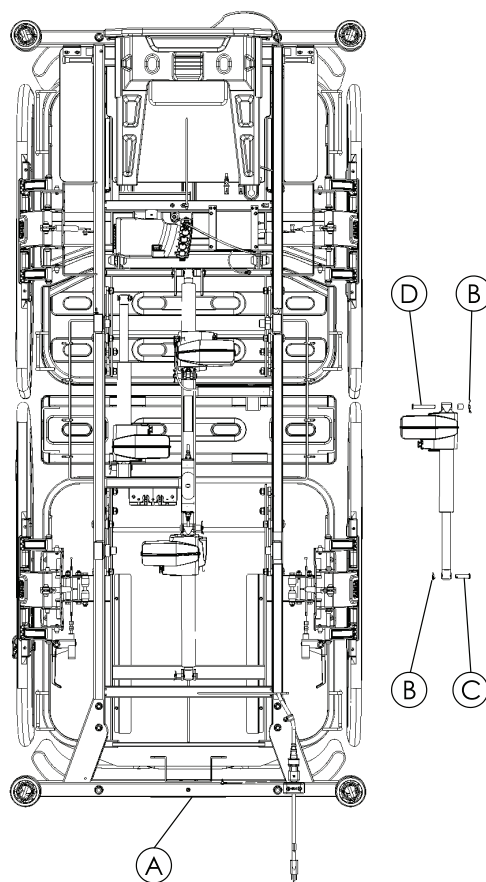


Figure 4: Head end lift actuator

## Foot end lift actuator replacement

### Tools required:

- Small flat screwdriver
- Needle nose pliers

## Foot end lift actuator replacement (Continued)

### Procedure:

1. Apply the brakes.
2. Support the foot end litter cross brace (A) to support the foot end litter ([Figure 5 on page 42](#)).
3. Power down the bed and unplug the power cord from the wall outlet.
4. Using a small flat screwdriver, gently push in both locking tabs to remove the cable retainer on the foot end lift actuator electrical connector.
5. Unplug the connector.
6. Using needle nose pliers, remove and discard the rue ring cotter pins (B) from each clevis pin ([Figure 5 on page 42](#)).
7. Using one hand, support the foot end lift actuator and remove and discard the foot end clevis pin (C) then allow the foot end lift actuator to pivot down ([Figure 5 on page 42](#)).
8. Using one hand, support the foot end lift actuator and remove and discard the head end clevis pin (D) and spacer ([Figure 5 on page 42](#)).
9. Remove and discard the foot end lift actuator.
10. Reverse steps to reinstall.
11. Verify proper operation of the product before returning it to service.

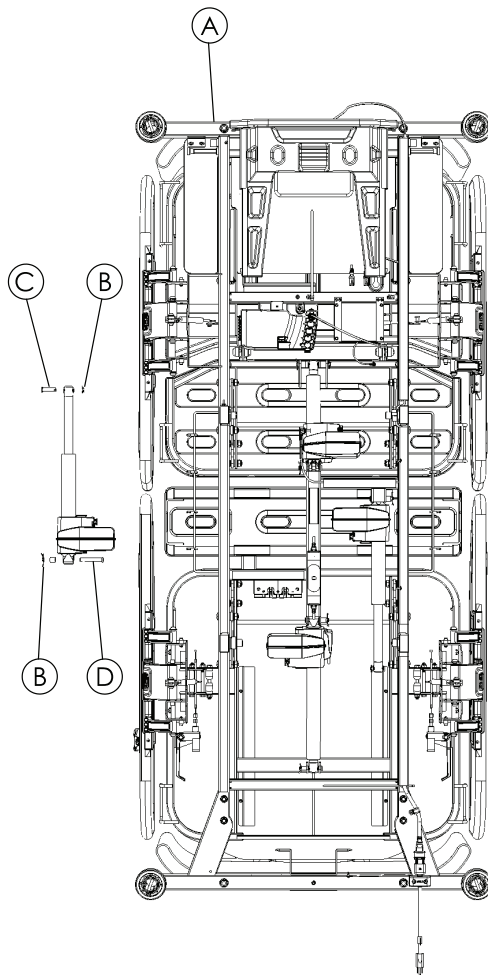


Figure 5: Foot end lift actuator

## Non-steer caster replacement

### Tools required:

- Large flat screwdriver
- Floor jack (small)
- Torque wrench with 5 mm hex bit (9.5 Nm)
- 5 mm hex wrench
- Needle nose pliers
- Hammer

### Procedure:

1. Put the brake in the neutral position.



#### CAUTION

With the brake in the neutral position, the product could move.

---

2. Raise the product to the highest height position.
3. Unplug the power cord from the wall outlet.
4. Using needle nose pliers, remove and discard the rue ring cotter pin (G) from the hex shaft ([Figure 6 on page 44](#)).
5. Pull the brake pedal off the hex shaft and set aside ([Figure 6 on page 44](#)).
6. Remove and save the plastic washer (H) that is on the hex shaft ([Figure 6 on page 44](#)).
7. Using a hammer and a large screw driver, remove and discard the starlock retainer (K) that is on the hex shaft ([Figure 6 on page 44](#)).
8. Using a 5 mm hex wrench, remove and discard the two screws (I) and washers (J) that secure the non-steer caster to the base frame ([Figure 6 on page 44](#)).
9. Use a small floor jack to lift the base frame cross tube to loosen the non-steer caster.
10. Grasp the opposite brake/steer pedal and pull outward about four inches (100 mm) to remove and discard the non-steer caster.

#### Note:

Note the position of the label on the mounting shaft of the old caster for reinstallation of the replacement caster.

11. Reverse steps to reinstall.



#### WARNING

Always make sure to line the hex shaft with the hex in the caster. Test the caster to identify the direction of the brake. Damage may occur if you install the caster incorrectly.

---

**Note:** Torque the caster mounting screws (I) to 9.5 Nm +/- 1.5 Nm.

12. Verify proper operation of the product before returning it to service.

## Non-steer caster replacement (Continued)

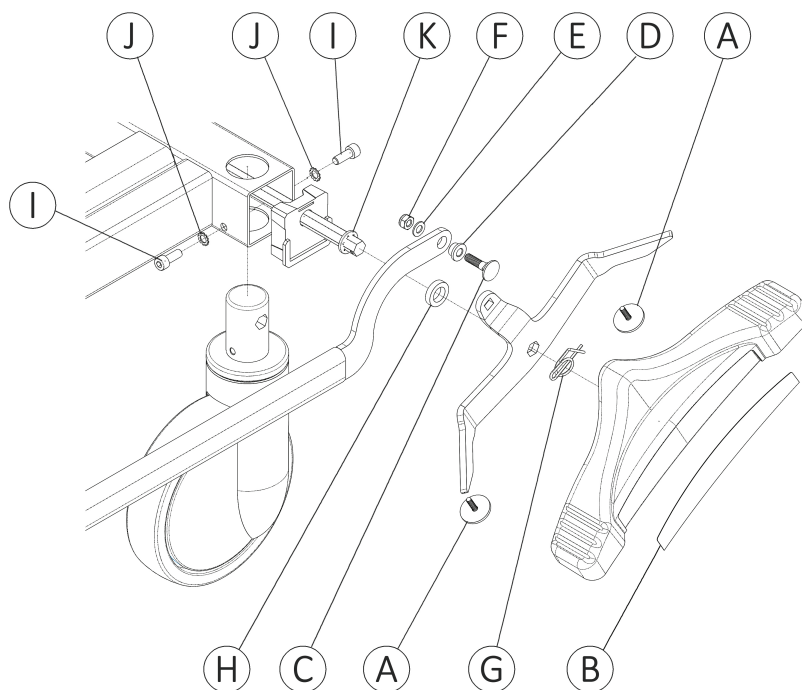


Figure 6: Non-steer caster

## Steer (head left) caster replacement

### Tools required:

- Large flat screwdriver
- Floor jack (small)
- Torque wrench with 5 mm hex bit (9.5 Nm)
- 5 mm hex wrench
- Needle nose pliers
- Hammer

### Procedure:

1. Put the brake in the neutral position.



### CAUTION

With the brake in the neutral position, the product could move.

2. Raise the product to the highest height position.
3. Unplug the power cord from the wall outlet.
4. Using needle nose pliers, remove and discard the rue ring cotter pin (G) from the hex shaft ([Figure 7 on page 45](#)).

## Steer (head left) caster replacement (Continued)

5. Pull the brake pedal off the hex shaft and set aside.
6. Remove and save the plastic washer (H) that is on the hex shaft ([Figure 7 on page 45](#)).
7. Using a hammer and a large screw driver, remove and discard the starlock retainer (K) that is on the hex shaft ([Figure 7 on page 45](#)).
8. Using a 5 mm hex wrench, remove and discard the two screws (I) and washers (J) that secure the non-steer caster to the base frame ([Figure 7 on page 45](#)).
9. Use a small floor jack to lift the base frame cross tube to loosen the non-steer caster.
10. Grasp the opposite brake/steer pedal and pull outward about four inches (100 mm) to remove and discard the non-steer caster.

**Note:**

Note the position of the label on the mounting shaft of the old caster for reinstallation of the replacement caster.

11. Reverse steps to reinstall.

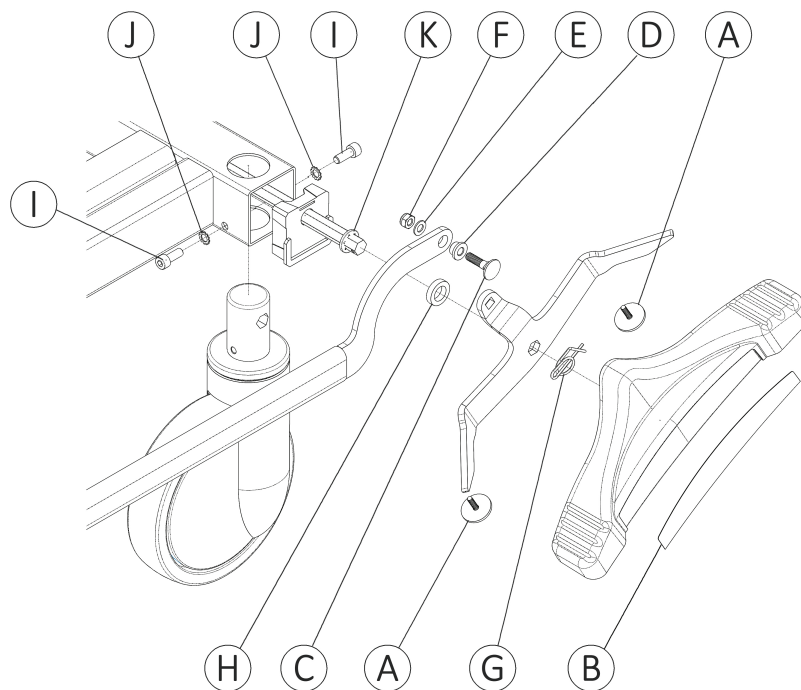


**WARNING**

Always make sure to line the hex shaft with the hex in the caster. Test the caster to identify the direction of the brake. Damage may occur if you install the caster incorrectly.

**Note:** Torque the caster mounting screws (I) to 9.5 Nm +/- 1.5 Nm.

12. Verify proper operation of the product before returning it to service.



**Figure 7: Steer caster**

## Fifth wheel replacement

### Tools required:

- 3/8 in. drive ratchet
- 13 mm socket

### Procedure:

1. Put the brake in the neutral position.

---

#### CAUTION

With the brake in the neutral position, the product could move.

---

2. Raise the product to the highest height position.
3. Unplug the power cord from the wall outlet.
4. Using a 3/8 in. drive ratchet and 13 mm socket, remove and save the nut and washers from the top of the fifth wheel assembly.
5. Remove and discard the fifth wheel assembly.
6. Reverse steps to reinstall.

**Note:** You may have to compress the fifth wheel assembly slightly to reinstall.

7. Verify proper operation of the product before returning it to service.

## Head end siderail gas cylinder replacement

### Tools required:

- Large flat screwdriver
- Hammer
- 3/8 in. drive ratchet
- 13 mm socket
- 13 mm combination wrench

### Procedure:

1. Apply the brakes.
2. Raise the product to the highest height position.
3. Power down the bed and unplug the power cord from the wall outlet.
4. Raise the siderail to the full upright and latched position.
5. Using a 3/8 in. drive ratchet and 13 mm socket with a 13 mm combination wrench, remove and discard the bolt, spacers, and nut that secures the head end siderail gas cylinder to the fowler (backrest) frame.
6. Using a large flat screwdriver and a hammer, remove one of the push nuts (A) that secures the bottom of the head end siderail gas cylinder (C) to the siderail mechanism ([Figure 8 on page 47](#)).
7. Remove the pivot pin (B) ([Figure 8 on page 47](#)).
8. Remove and discard the head end siderail gas cylinder (C).
9. Reverse steps to reinstall.
10. Verify proper operation of the product before returning it to service.

## Head end siderail gas cylinder replacement (Continued)

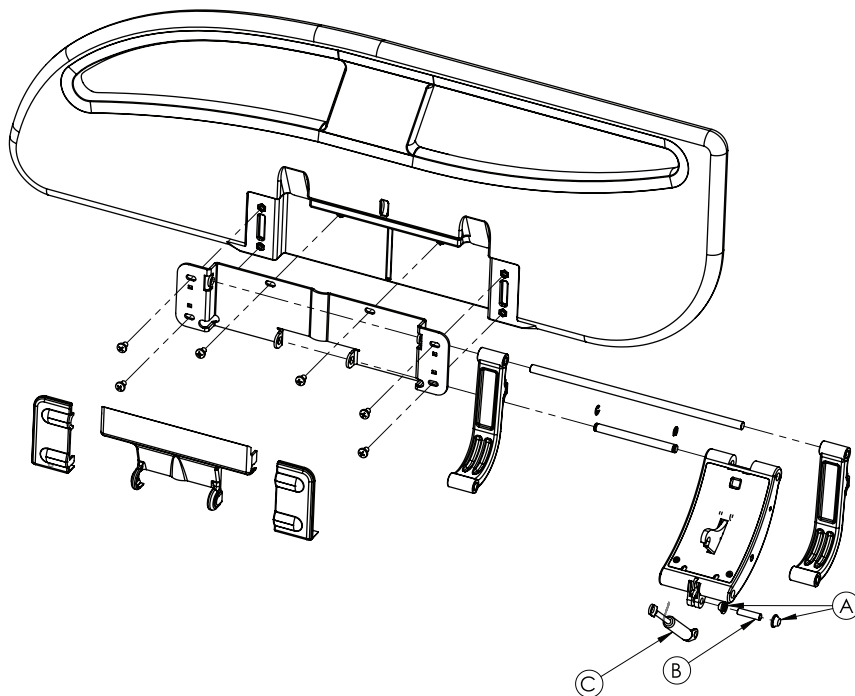


Figure 8: Head end siderail gas cylinder

## Foot end siderail gas cylinder replacement

### Tools required:

- Large flat screwdriver
- Small flat screwdriver
- Hammer

### Procedure:

1. Apply the brakes.
2. Raise the product to the highest height position.
3. Power down the bed and unplug the power cord from the wall outlet.
4. Raise the siderail to the full upright and latched position.
5. Using a small screwdriver, remove and discard the e-clip that secures the foot end siderail gas cylinder to the foot section frame.
6. Remove and save the pin that secures the foot end siderail gas cylinder to the foot section frame.
7. Using a large flat screwdriver and a hammer, remove one of the push nuts (A) that secures the bottom of the foot end siderail gas cylinder to the siderail mechanism ([Figure 9 on page 48](#)).
8. Remove and discard the pivot pin (B) and foot end siderail gas cylinder (C) ([Figure 9 on page 48](#)).
9. Reverse steps to reinstall.
10. Verify proper operation of the product before returning it to service.

## Foot end siderail gas cylinder replacement (Continued)

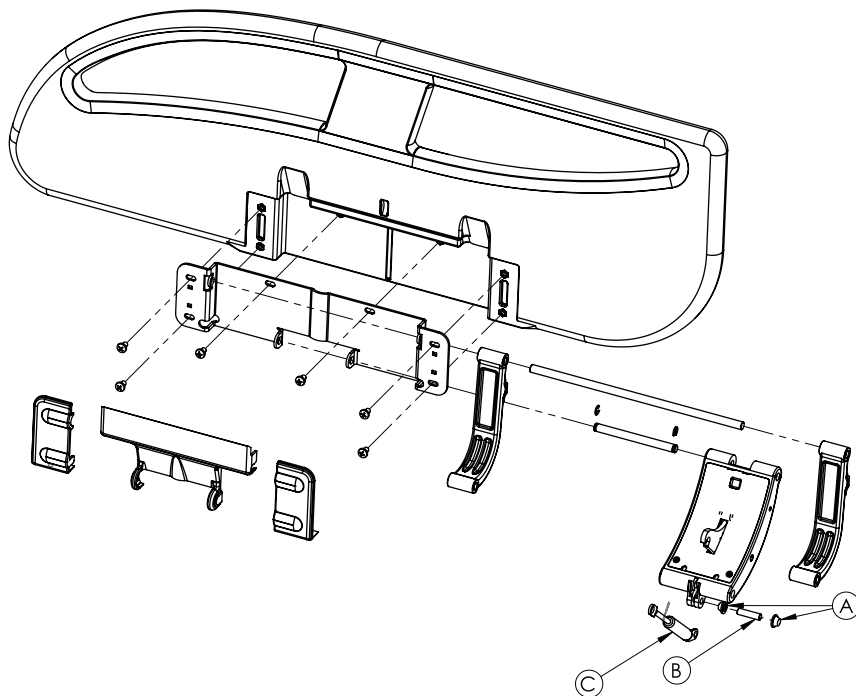


Figure 9: Foot end siderail gas cylinder

## Lower leg section locking mechanism replacement

### Tools required:

- 3/8 in. drive ratchet
- 13 mm socket
- 13 mm combination wrench

### Procedure:

1. Apply the brakes.
2. Raise the product to the highest height position.
3. Power down the bed and unplug the power cord from the wall outlet.
4. Raise the lower leg section (A) (Figure 10 on page 49).
5. Lock the lower leg section.

**Note:** If you cannot lock the lower leg section, find another way to support the lower leg section.

6. Using a 13 mm combination wrench and a 13 mm socket, remove and save the upper bolt and nut that secure the lower leg section locking mechanism (B) to the foot section weldment (Figure 10 on page 49).
7. Using a 13 mm socket, remove and save the bolt (C), washers (D, E), and nut (F) that secures the bottom of the lower leg section locking mechanism to the litter frame (Figure 10 on page 49).
8. Remove and discard the lower leg section locking mechanism (B) (Figure 10 on page 49).
9. Reverse steps to reinstall.
10. Verify proper operation of the product before returning it to service.



## Lower leg section locking mechanism replacement (Continued)

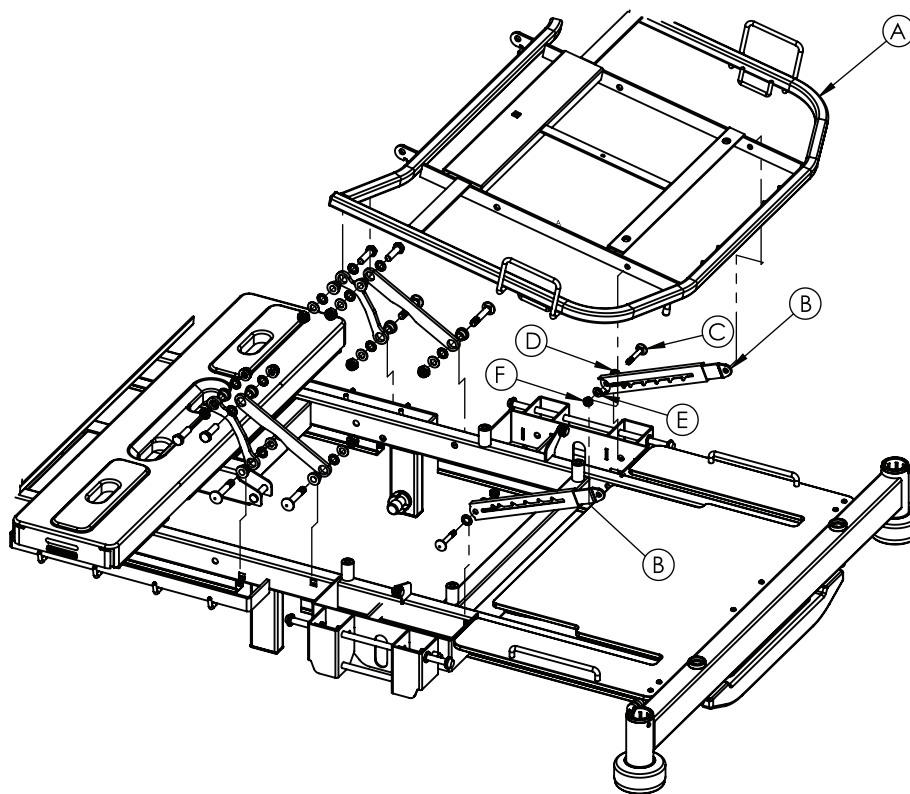


Figure 10: Lower leg section locking mechanism

## Patient control pendant replacement

### Tools required:

- Diagonal pliers

### Procedure:

1. Apply the brakes.
2. Raise the product to the highest height position.
3. Power down the bed and unplug the power cord from the wall outlet.
4. Remove the three cable routing covers that secure the gatch (legrest) actuator cable to the litter frame.
5. Cut the cable tie that secures the pendant to the bottom of the litter frame.
6. Unplug the patient control pendant cable from the junction box.
7. Dispose of the patient control pendant.
8. Reverse steps to reinstall.
9. Verify proper operation of the product before returning it to service.

## Nurse control pendant replacement

### Tools required:

- Diagonal pliers

## Nurse control pendant replacement (Continued)

### Procedure:

1. Apply the brakes.
2. Raise the product to the highest height position.
3. Power down the bed and unplug the power cord from the wall outlet.
4. Using diagonal pliers, cut and discard the cable tie that secures the fowler (backrest) actuator cable to the wire routing channel.
5. Remove the three cable routing covers that secure the gatch (legrest) actuator cable to the litter frame.
6. Unplug the nurse control pendant cable from the junction box.
7. Dispose of the nurse control pendant.
8. Reverse steps to reinstall.
9. Verify proper operation of the product before returning it to service.

## Siderail control panel (inside and outside siderail) replacement

### Tools required:

- Flat screwdriver

### Procedure:

1. Apply the brakes.
2. Raise the product to the highest height position.
3. Unplug the power cord from the wall outlet.
4. Using a flat screwdriver, carefully push in and up in the slotted access hole to remove the control panel from the siderail hoop.
5. Unplug the cable connecting the siderail control panel to the junction box.
6. Remove and discard the siderail control panel.
7. Reverse steps to reinstall.
8. Verify proper operation of the product before returning it to service.

## Control box replacement

### Tools required:

- Diagonal pliers
- Small flat screwdriver
- 3/8 in. drive ratchet
- 10 mm socket
- 10 mm combination wrench

### Procedure:

1. Apply the brakes.
2. Raise the product to the highest height position.
3. Power down the bed and unplug the power cord from the wall outlet.
4. Turn the battery off using the nurse control.
5. Raise and lock the lower leg section in the highest position.
6. Using a small flat screwdriver, un-clip the actuator cable retainer (A) from the control box ([Figure 11 on page 51](#)).
7. Remove and save the actuator cable retainer.
8. Using a small flat screwdriver, push in on the power cord lock and gently pull outward on the power cord.

## Control box replacement (Continued)

9. Remove the power cord from the control box.
10. Unplug the control cables and the battery cable from the control box.  
**Note:** Pay attention to the control cable connection locations for reinstallation.
11. Using a 10 mm combination wrench and a 10 mm socket, remove the bolt (B) that secures the control box to the litter frame ([Figure 11 on page 51](#)).
12. Remove and discard the control box.
13. Reverse steps to reinstall.
14. Verify proper operation of the product before returning it to service.

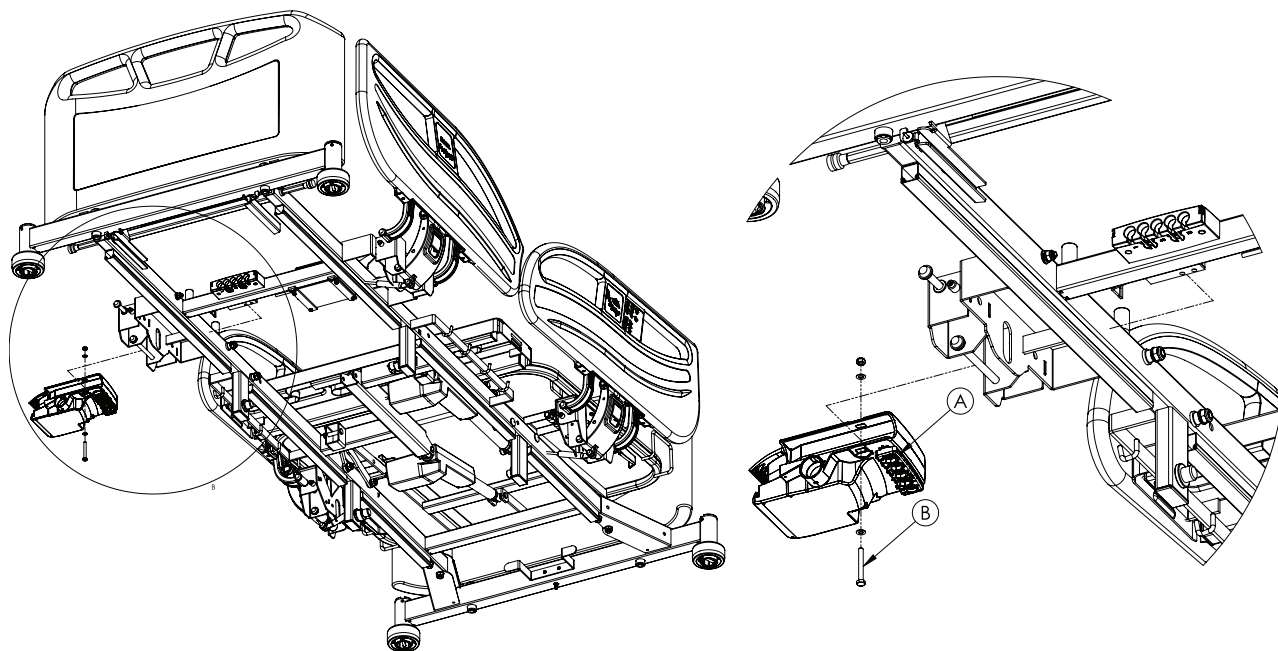


Figure 11: Control box

## Battery replacement

### Tools required:

- Diagonal pliers
- #2 Phillips screwdriver

### Procedure:

1. Apply the brakes.
2. Raise the product to the highest height position.
3. Power down the bed and unplug the power cord from the wall outlet.
4. Remove the cable routing cover that secures the gatch (legrest) actuator cable to the litter frame.
5. Using diagonal pliers, cut and discard the cable tie that secures the battery cable to all of the actuator cables.
6. Using a #2 Phillips screwdriver, unscrew the four screws (A) that secure the battery to the litter frame ([Figure 12 on page 52](#)).

**Note:** Support the battery while removing the screws so the battery does not fall.

7. Remove the battery.

## Battery replacement (Continued)

8. Dispose of the battery according to local laws and procedures.
9. Reverse steps to reinstall.
10. Verify proper operation of the product before returning it to service.

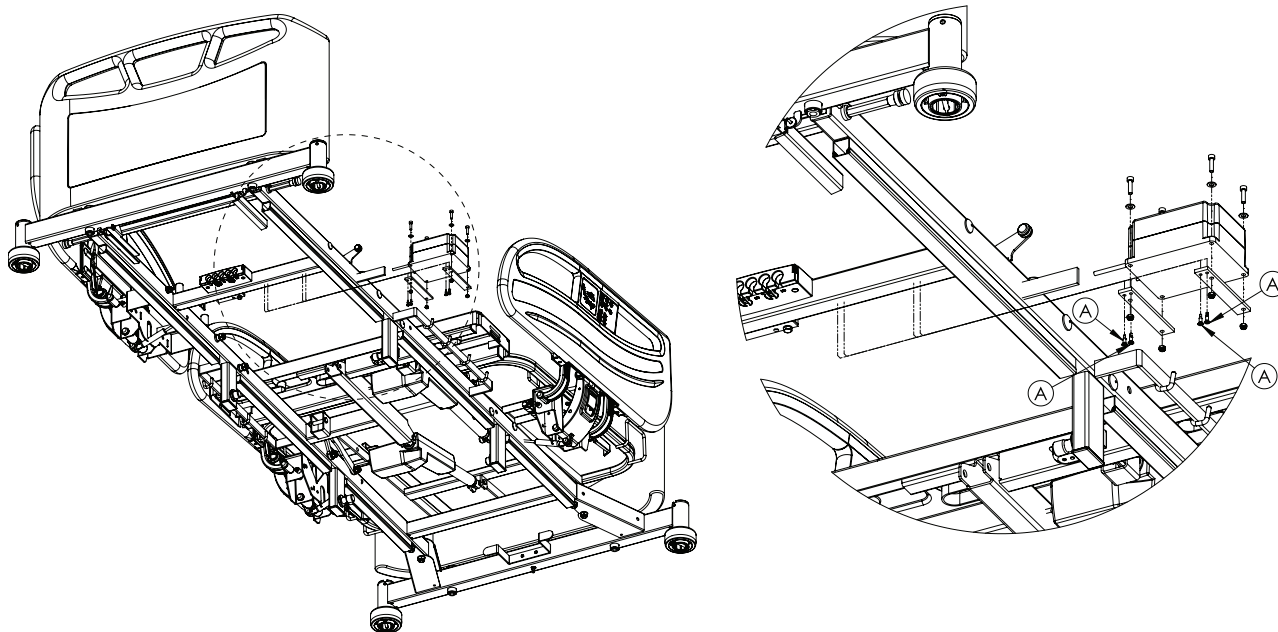


Figure 12: Battery

## Power cord replacement

### Tools required:

- #2 Phillips screwdriver

### Procedure:

1. Apply the brakes.
2. Raise the product to the highest height position.
3. Power down the bed and unplug the power cord from the wall outlet.
4. Remove the two screws (A) that secure the power cord connection cover (B) to the litter frame ([Figure 13 on page 53](#)).
5. Remove and discard the external power cord (C) from the internal power cord ([Figure 13 on page 53](#)).
6. Reverse steps to reinstall.
7. Verify proper operation of the product before returning it to service.

## Power cord replacement (Continued)

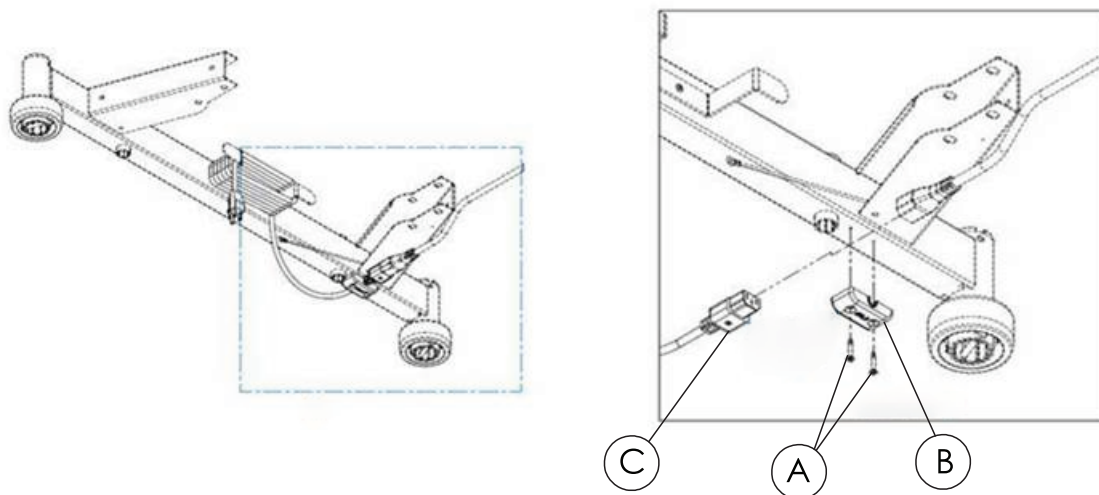


Figure 13: Power cord

## Head end siderail hoop replacement

### Tools required:

- #2 Phillips screwdriver
- Flat screwdriver

### Procedure:

1. Apply the brakes.
  2. Raise the product to the highest height position.
  3. Power down the bed and unplug the power cord from the wall outlet.
  4. Raise the siderail to the full upright and latched position.
  5. Remove the mattress.
  6. Remove the part number label from the head side of the control box assembly.
  7. Using a flat screwdriver, carefully pry the outer panel away from the siderail hoop until the hoop fully unsnaps from the inner panel.
  8. Unplug the cable connecting the siderail control panel to the control box.
  9. Remove the siderail control panel.
  10. Using a #2 Phillips screwdriver, remove and save the cover screw on the bottom of the siderail hoop on either side of the siderail pivot.
  11. Using a flat screwdriver, carefully pry outward on the siderail pivot cover.
  12. Using a #2 Phillips screwdriver, remove and discard the six screws (A) that secure the siderail hoop (B) to the siderail mechanism ([Figure 14 on page 54](#)).
- Note:** Support the siderail hoop while removing the screws so the siderail hoop does not fall.
13. Remove and discard the siderail hoop.
  14. Reverse steps to reinstall.
  15. Verify proper operation of the product before returning it to service.

## Head end siderail hoop replacement (Continued)

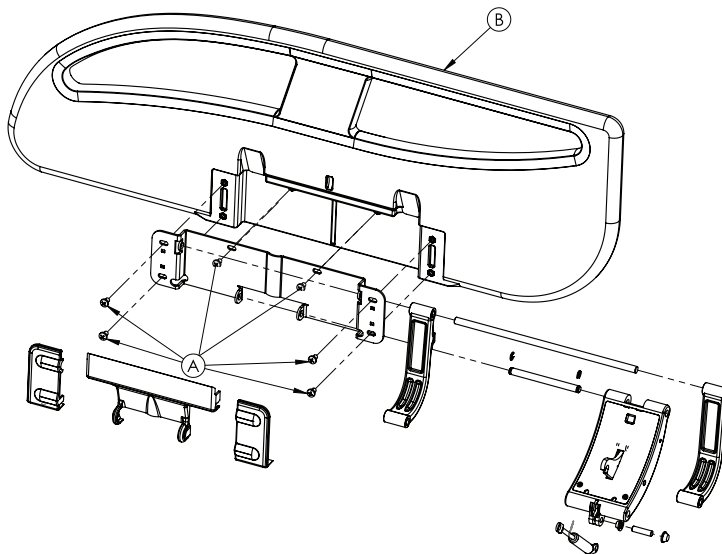


Figure 14: Head end siderail hoop

## Foot end siderail hoop replacement

### Tools required:

- #2 Phillips screwdriver
- Flat screwdriver

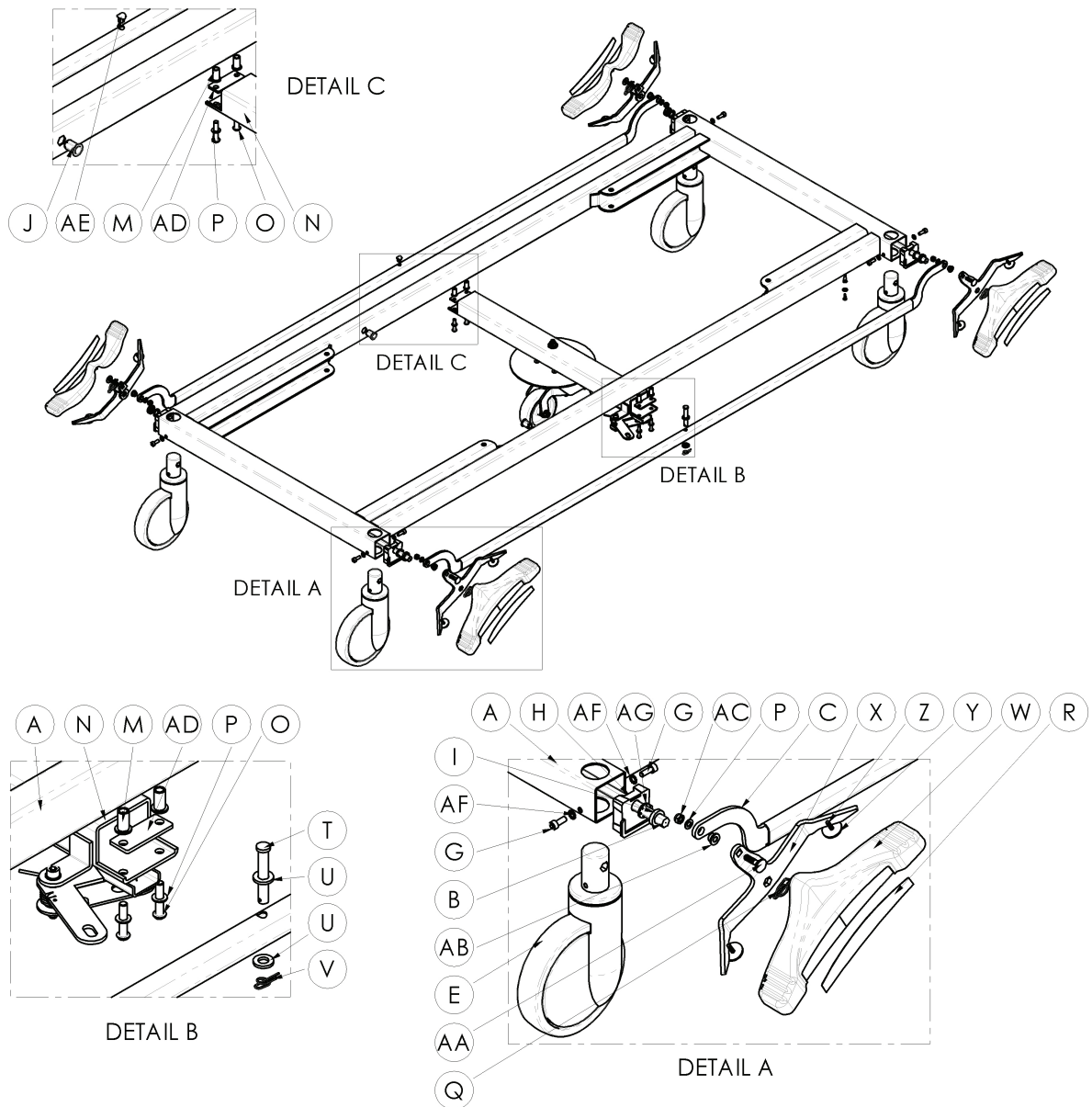
### Procedure:

1. Apply the brakes.
2. Raise the product to the highest height position.
3. Power down the bed and unplug the power cord from the wall outlet.
4. Raise the siderail to the full upright and latched position.
5. Remove the mattress.
6. Using a #2 Phillips screwdriver, remove and save the cover screw on the bottom of the siderail hoop on either side of the siderail pivot.
7. Using a flat screwdriver, carefully pry outward on the siderail pivot cover.
8. Using a #2 Phillips screwdriver, remove and discard the six screws (A) that secure the siderail hoop (B) to the siderail mechanism (Figure 14 on page 54).

**Note:** Support the siderail hoop while removing the screws so the siderail hoop does not fall.

9. Remove and discard the siderail hoop.
10. Reverse steps to reinstall.
11. Verify proper operation of the product before returning it to service.

# Brake system



Item	Number	Name	Quantity
A	YM-FUTUREBALT-003-BY	5. wheel compatible lower chassis white	3
B	YM-03-04-10-0760-HZR-GL	Ø11 hexagon rod 760 mm with hole	2
C	YM-FUTUREBAKT-003-BY	Future LB 5. wheel compatible transfer white	2
D	HM-01-83	150 mm no steer lock antistatic single integral wheel	1

# Brake system

Item	Number	Name	Quantity
E	HM-01-54	2046UAP150R36-32S30 150 mm no steer lock not antistatic single caster	3
F	HM-09-04	DIN 6798 A/J - M6 serrated lock washer	1
G	HM-05-106	M6*16 imbus bolt	8
H	YM-HM-02-299	Hexagonal shaft bearing part	4
I	YM-HM-02-71	12 thick PLS washer DMR071	4
J	HM-09-18	Ø10 rivet nut	2
K	HM-16-113	260 mm grounding cable	1
L	HM-06-02	3,9 x 13 cross recessed pan head tapping screw	1
M	HM-09-23	M6 rivet nut	4
N	YM-5TKR-001	5.wheel assembly group	1
O	HM-05-041	M6*30 hexagon socket button head screw	4
P	HM-07-22	M6 iron washer (small)	8
Q	HM-11-34	Ø13 rue segman	4
R	HM-20-424	Pedal label - left	2
S	HM-20-423	Pedal label - right	2
T	HM-12-004	Ø8 perforated pin	1
U	YM-HM-02-026	8,5 x 16 x 2,2 mm plastic washer	2
V	HM-11-35	Ø8 rue clip	1
W	YM-HM-02-023	Pedal plastic body	4
X	YM-SV2PDL-001-BY	Pedal sheet weld assembly	4
Y	HM-07-09	Special pedal washer	8
Z	HM-06-86	Ø6 x 16 cross recessed raised cheese head screws	8
AA	HM-06-001	M6 x 25 mushroom head square neck bolt	4
AB	HM-12-905	Transfer laser bush (bronze)	4
AC	HM-08-05	M6 fibered nut	4
AD	YM-04-142-BY	5. wheel - base frame connection sheet	2
AE	YM-HM-02-025	Transfer bar Ø8 plastic hole cap	1

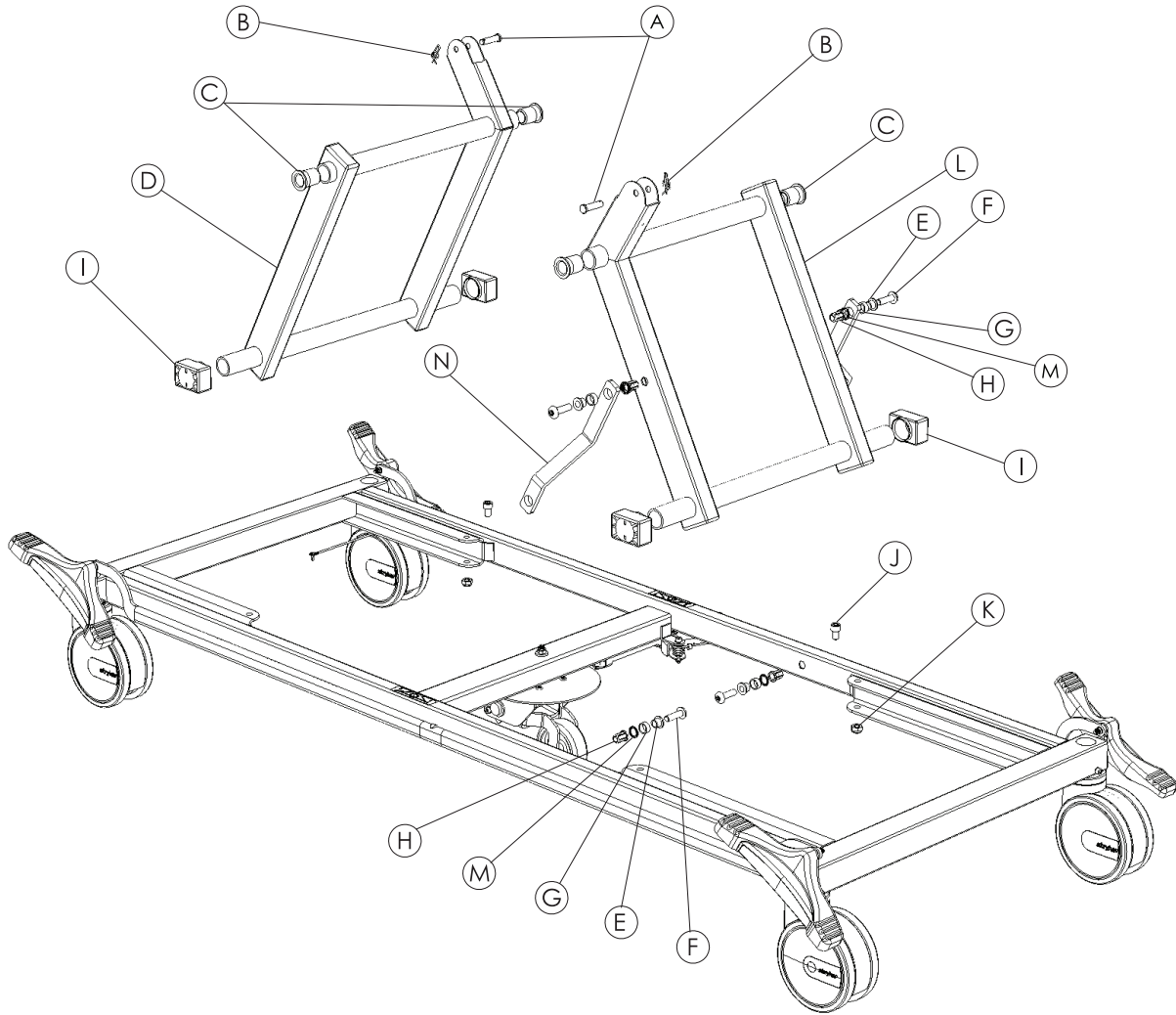


## Brake system

---

Item	Number	Name	Quantity
AF	HM-09-30	M6 toothed washer (DIN 6797 A)	8
AG	HM-11-10	11 mm Snap ring (lipper) KMS starlock push on BV/6706 fastener	4

## Base and leg assembly



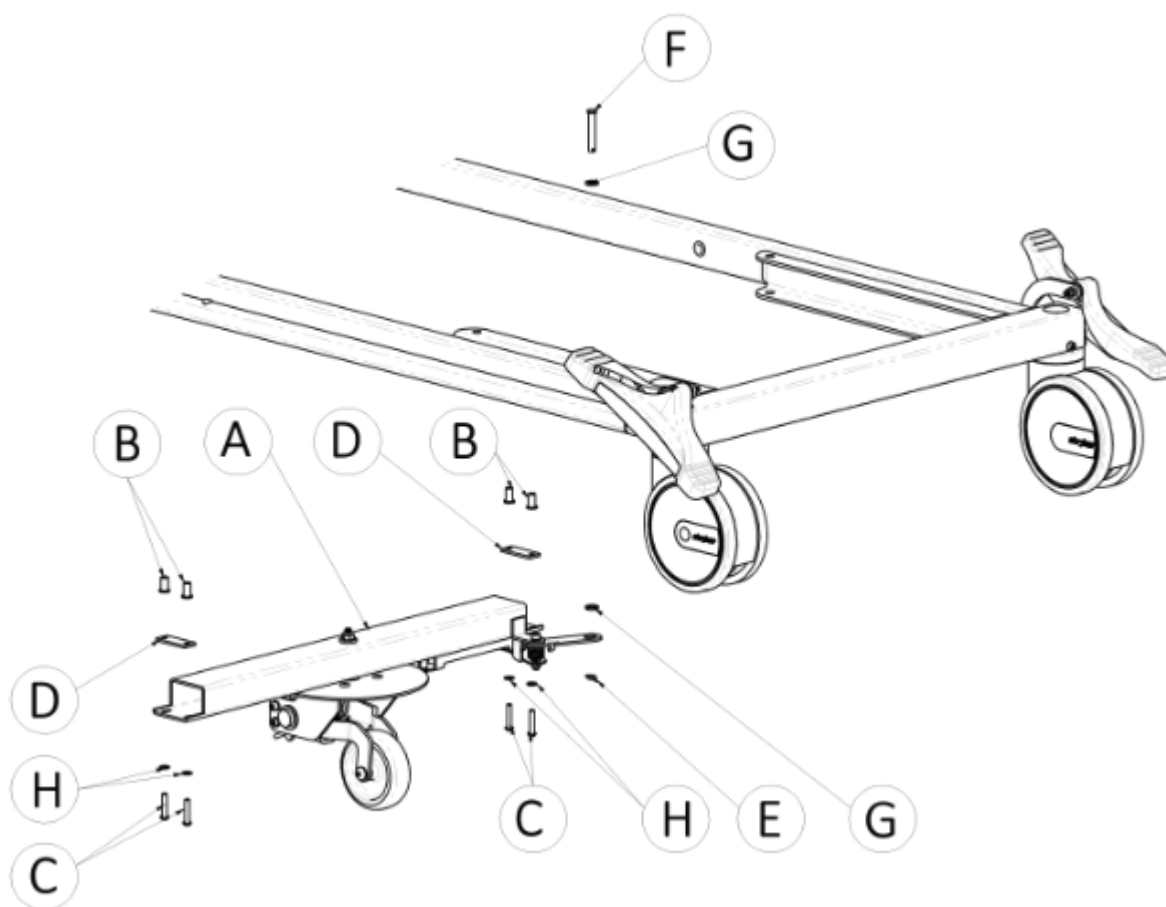
Item	Number	Name	Quantity
A	HM-12-FTR011	Ø14xØ10x41 mm pin	2
B	HM-11-31	Ø10 rue clip	2
C	YM-HM-02-402	Ø34 pipe bush main mechanism	2
D	YM-FUTURELBANA-004-MN	Main mechanism without hole	1
E	HM-12-FTR007	Ø14 bush main mechanism	4
F	HM-05-153	M10x35 mm socket button head screw	4
G	YM-HM-02-398	Ø18 bush main mechanism	4
H	HM-09-18	Ø10 rivet nut	4
I	YM-HM-02-396	Main mechanism sled delrin	4
J	HM-05-54	M10x16 hex socket head cap screw	4

## Base and leg assembly

---

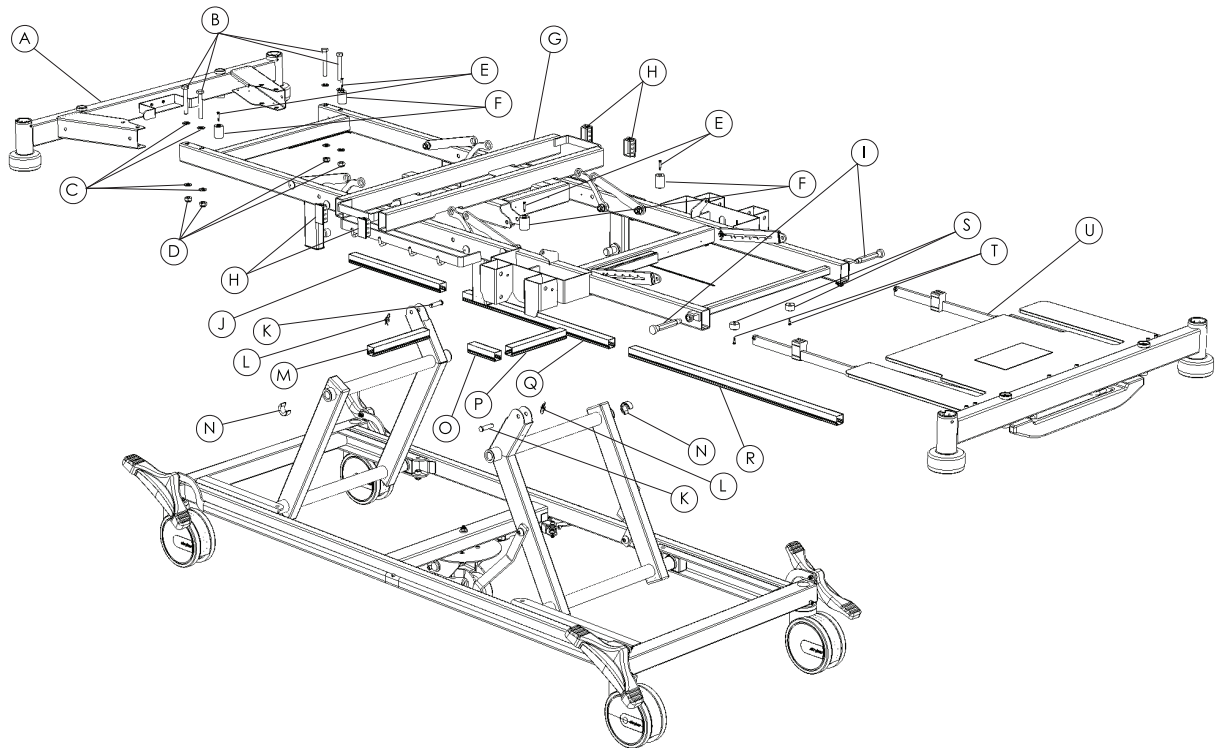
Item	Number	Name	Quantity
K	HM-08-07	M10 prevailing torque type hexagon nut	4
L	YM-FUTURELBANA-002-MN	Main mechanism with hole	1
M	YM-HM-02-399	Ø14 plastic washer	4
N	YM-04-FTR011-HZR-BY	Main mechanism Z laser cut sheet	2

## Base and leg assembly with 5th wheel (option)



Item	Number	Name	Quantity
A	YM-5TKR-001	Fifth wheel assembly group	1
B	HM-09-23	M6 rivet nut	4
C	HM-05-041	M6*30 hexagon socket button head screw	4
D	YM-04-142-BY	Fifth wheel-base frame connection sheet	2
E	HM-11-35	Ø8 rue clip	1
F	HM-12-004	Ø8 perforated pin	1
G	YM-HM-02-026	8,5 x 16 x 2,2 mm plastic washer	2
H	HM-07-22	M6 steel washer (small)	4

# Litter / frame assembly



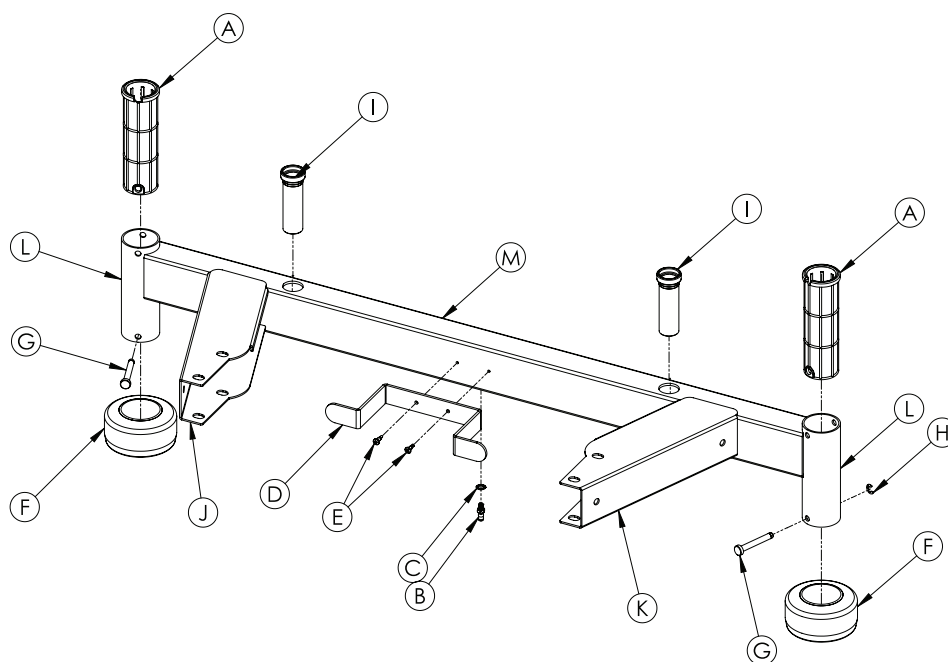
Item	Number	Name	Quantity
A	YM-026-010-MN	Demounted headboard assembly	1
B	HM-05-006	M10x70 hexagon head bolt	4
C	HM-07-04	M10 steel washer	8
D	HM-08-07	M10 prevailing torque type hexagon nut	4
E	HM-06-09	3,9x25 mm cross recessed countersunk head tapping screw	2
F	YM-HM-02-408	Backrest support plastic	2
G	YM-FUTURELBUST-002-00-BY	SV2 prolonged top chassis white	1
H	YM-HM-02-34	30x50x2 mm profile spile	4
I	HM-20-840	Extension lock	2
J	YM-16-49-03	25x25x360 mm cable holder	1
K	HM-12-FTR011	Ø14xØ10x41 mm pin	2
L	HM-11-31	Ø10 rue clip	2
M	YM-16-49-04	25x25x200 mm cable holder	1
N	YM-HM-02-401	Main mechanism plastic half bush	2

## Litter / frame assembly

---

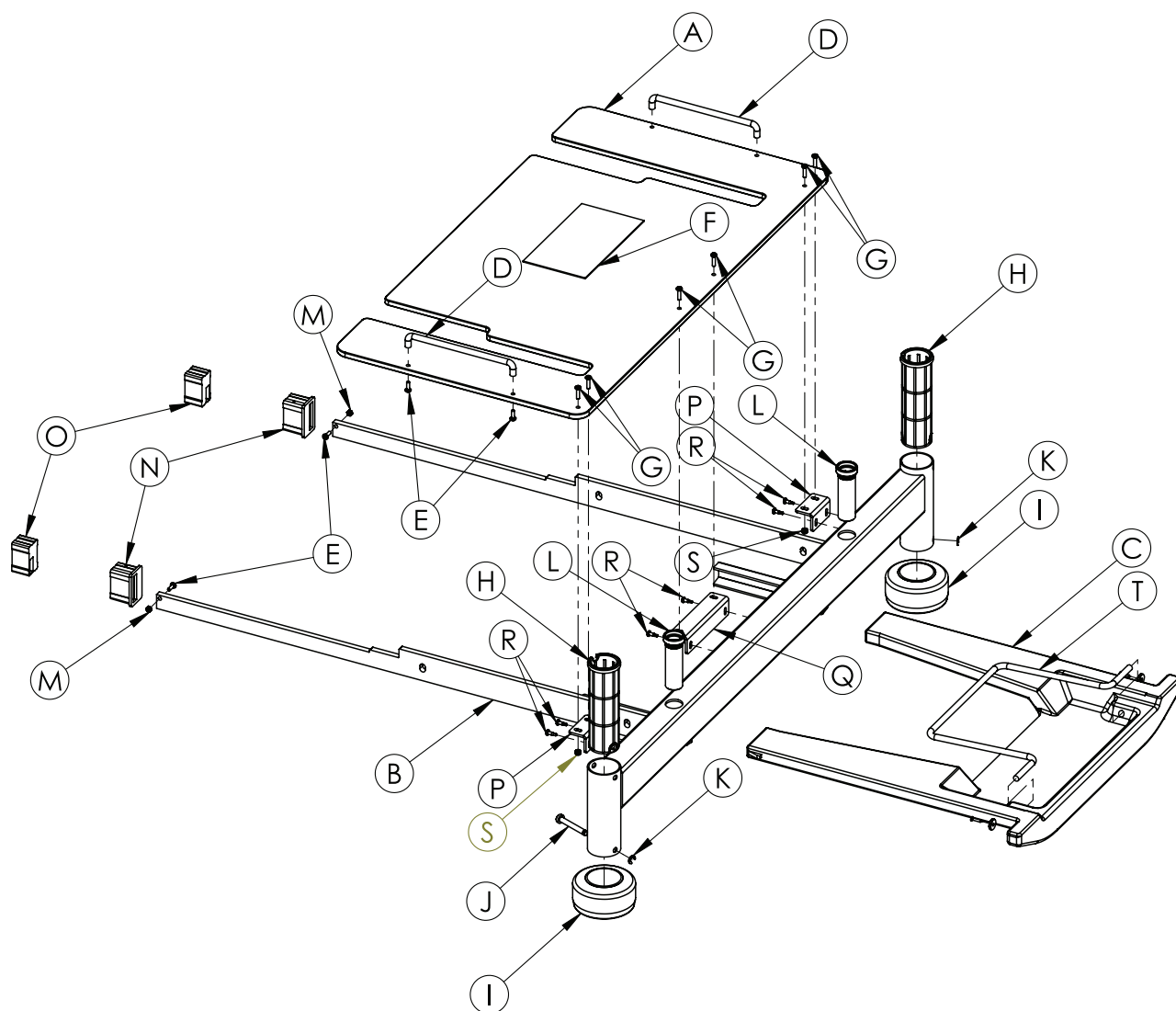
Item	Number	Name	Quantity
O	YM-16-49-06	25x25x100 mm cable holder	1
P	YM-16-49-04	25x25x200 mm cable holder	1
Q	YM-16-49-01	25x25x550 mm cable holder	1
R	YM-16-49-02	25x25x730 mm cable holder	1
S	YM-HM-02-56	Buffer	2
T	HM-06-49	Cross recessed countersunk head tapping screw	2
U	YM-039-004-00-MN	Bed extension assembly	2

# Bumper roller assembly



Item	Number	Name	Quantity
A	YM-HM-02-413	Accessory socket sleeve	2
B	HM-12-128	Grounding chrome	1
C	HM-09-04	6 mm serrated washer (ring) DIN 6798	1
D	YM-04-100-HZR3	Cable stow 20b-3	1
E	HM-06-02	Star drive round head bolt (3.9 x 13 mm)	2
F	HM-02-354	Future bumper	2
G	HM-12-FTR001	12-FT001 future bumper pin	2
H	HM-02-391	5 mm C shaped snap ring DIN 6799	2
I	HM-02-55	Head board lock pin plastic encasing	2
J	YM-04-322-HZR-1	Detachable bumper to chassis connection arm (right side)	1
K	YM-04-322-HZR	Detachable bumper chassis to main chassis connection arm (left side)	1
L	YM-03-01-01-01250-HZR	45 x 2 x 150 mm bumper chassis side tubes	2
M	YM-03-02-41-877-HZR1	Main bumper profile 40 x 60 x 877 mm	1

## Bed extender assembly



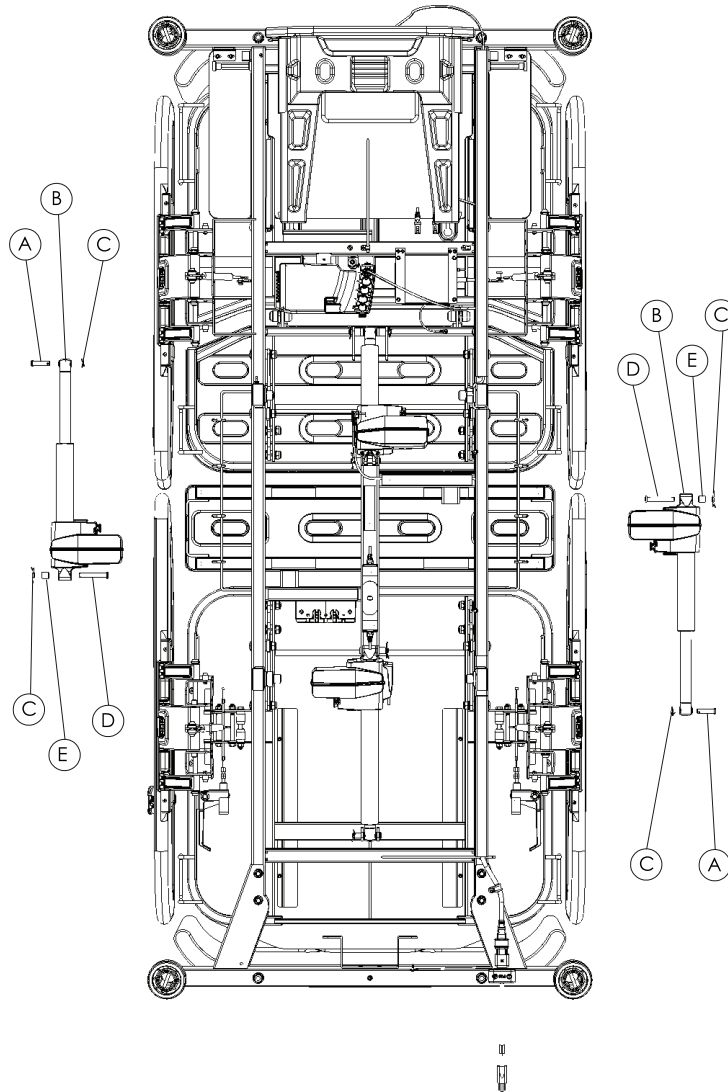
Item	Number	Name	Quantity
A	YM-27-01-106	HPL footrest extension	1
B	YM-039-004-00-BY	Bed extender weldment	1
C	YM-20-011	Plastic linen tray	1
D	YM-UZTMSLTTC-001	Bolster mattress retainers	2
E	HM-06-82	M14 x 12 mm Phillips screw	6
F	YM-UZTMCIRT-MN	Bolster mattress Velcro®	1
G	HM-06-63	M14 x 16 mm Phillips screw	6
H	YM-HM-02-413	Accessory socket sleeve	2
I	HM-02-354	Future bumper	2
J	HM-12-FTR001	12-FT001 future bumper pin	2



## Bed extender assembly

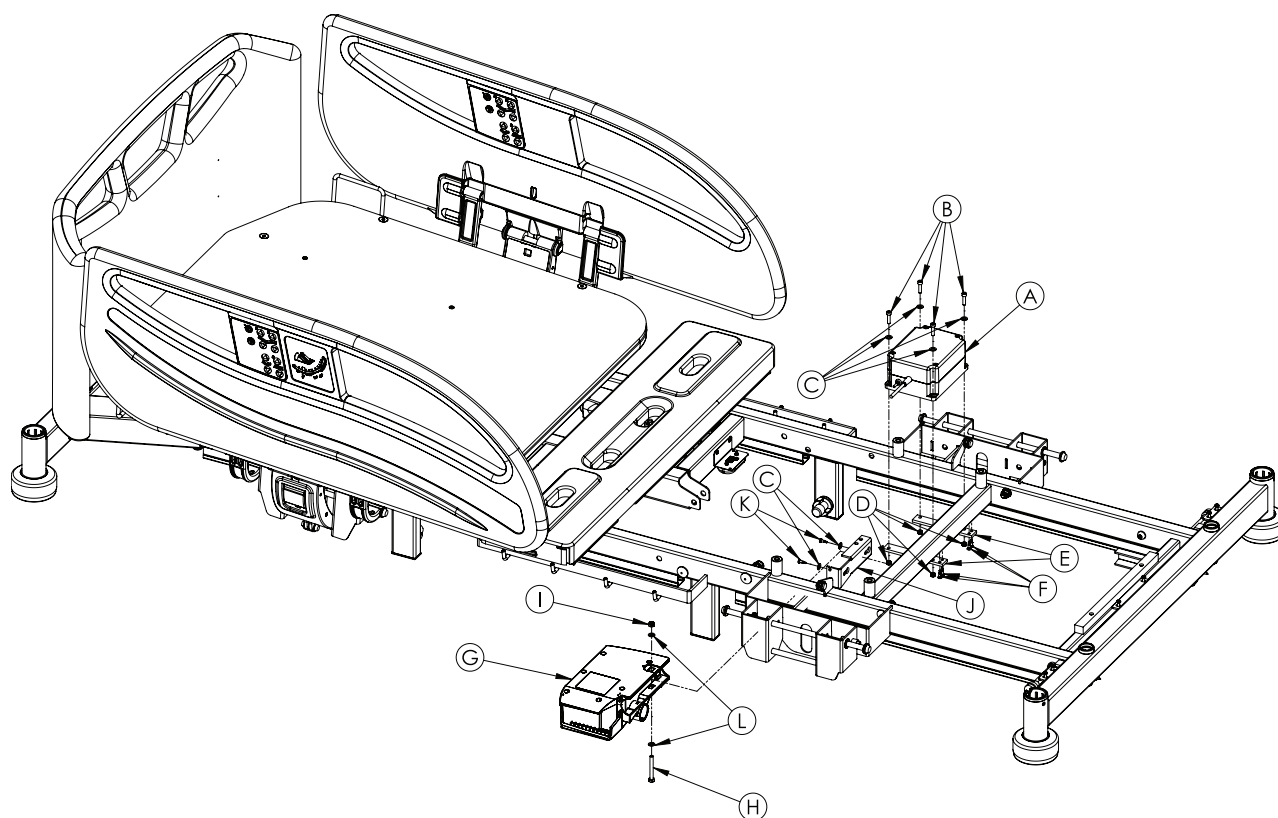
Item	Number	Name	Quantity
K	HM-11-05	6 mm C shape snap ring DIN 6799	2
L	YM-02-55	Footboard pin socket	2
M	HM-08-38	M4 hex nut	2
N	YM-HM-02-416	Litter frame plastic end caps	2
O	YM-HM-02-415	Bed extender block stops	2
P	YM-04-FTR023-HZR-BY	HPL extension mounting bracket	2
Q	YM-04-FTR022-HZR-BY	HPL extension mounting bracket	1
R	HM-06-02	Ø3.9 x 13 mm Phillips screw	6
S	HM-08-19	M4 x .7 nylock nut	4
T	HM-03-04-03-0650-HZR- BY	Ø8 mm linen tray bar	1

# Hi-Lo actuators



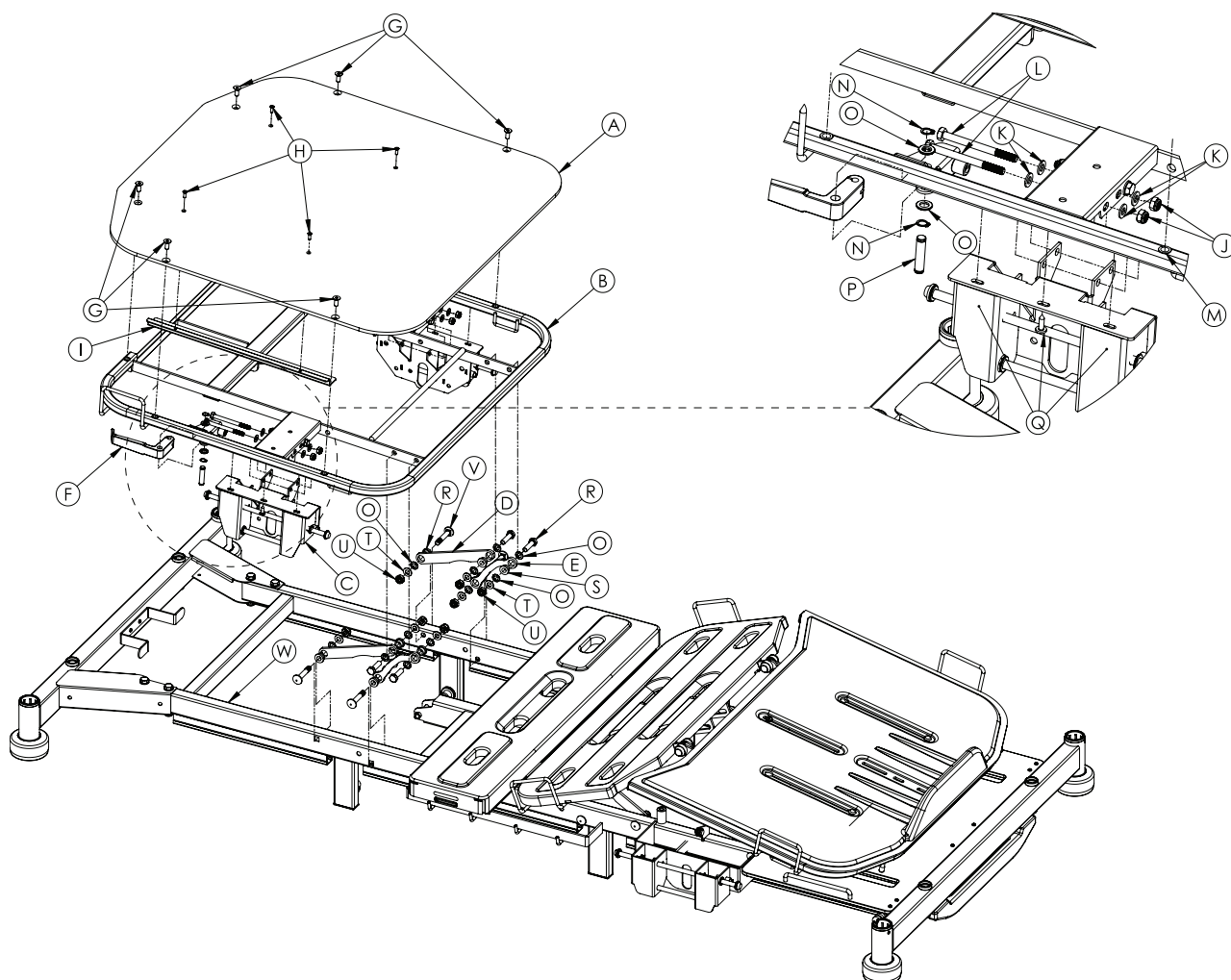
Item	Number	Name	Quantity
A	HM-12-FTR011	Ø14xØ10x41 mm pin	2
B	HM-17-304	8000 N LA40 150 mm stroke actuator	2
C	HM-11-31	Ø10 rue clip	4
D	HM-12-FTR010	Ø14xØ10x65 mm actuator connection pin	2
E	YM-HM-02-027	Actuator pin fixing bush	2

## Control box and battery



Item	Number	Name	Quantity
A	HM-17-16	BA1812-1300-000 Linak CB6 battery	1
B	HM-05-043	M5*20 imbus bolt	4
C	HM-07-22	M6 iron washer (small)	6
D	HM-08-04	M5 fibered nut	4
E	YM-03-03-01-0425-HZR	5 x 20 mm battery mounting bracket	2
F	HM-06-049	3.9 x 16 mm pan head self drilling screw	4
G	HM-17-314	SV2 control box CB6777- 00	1
H	HM-05-010	M6*50 steel bolt	1
I	HM-08-05	M6 fibered nut	1
J	HM-17-174	Control box mounting bracket	1
K	HM-06-02	3.9 x 13 mm pan head self drilling screw	2
L	HM-07-01	M6 metal standard washer (large) 1/4 washer	2

## Litter fowler (backrest) assembly

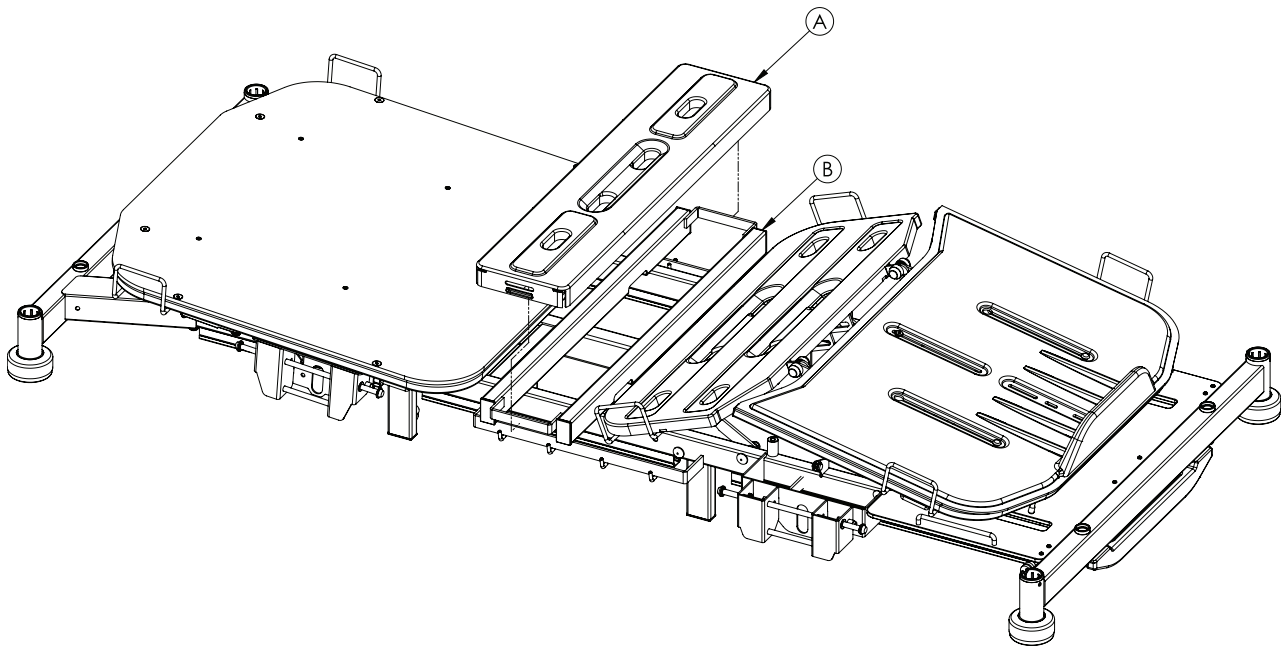


Item	Number	Name	Quantity
A	YM-27-01-005	Plastic backrest cover	1
B	YM-008-013-00-BY	Backrest weldment	1
C	YM-FUTURESRT-001-BY	Siderail mounting bracket	2
D	YM-04-102-BY	102-6 laser cut link	2
E	YM-04-103-BY	103-6 laser cut link	2
F	HM-02-13	Red plastic CPR release handle	2
G	HM-05-032	M8 x 20 mm countersunk bolt	6
H	HM-06-30	M5 x 15 mm self drilling star bolt	4
I	YM-15-05-0450-HZR1	X-Ray cassette track	2
J	HM-08-06	M8 fibered nut	2
K	HM-07-03	M8 iron washer	4
L	HM-05-018	M8*90 half thread steel bolt	2

## Litter fowler (backrest) assembly

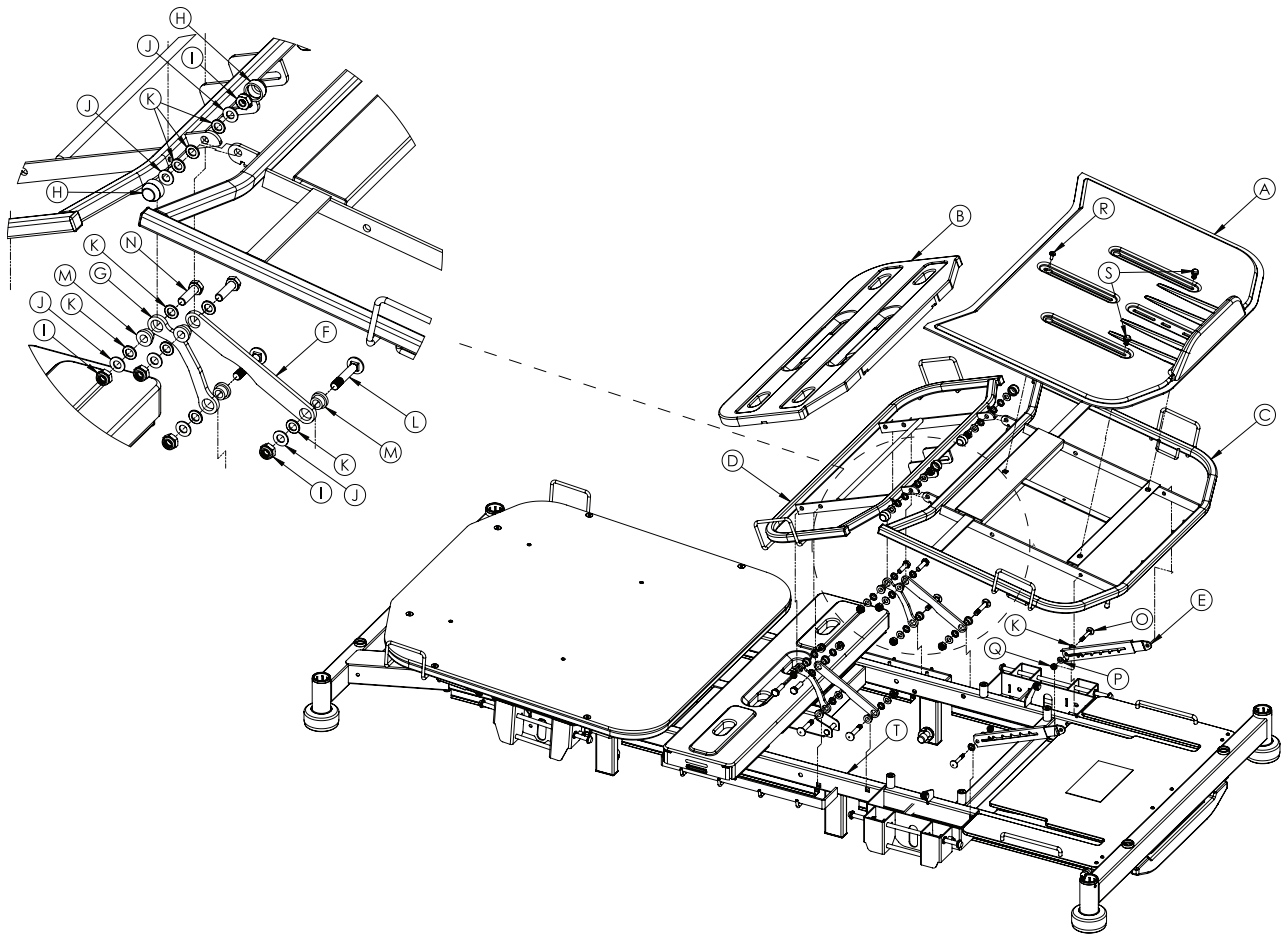
Item	Number	Name	Quantity
M	HM-08-35	M8 rivet nut	6
N	HM-11-03	10 mm snap ring DIN 471	2
O	HM-02-283	2 mm plastic washer (10 mm plastic washer) mould NO 34	14
P	HM-12-103	Ø10 x 44.5 mm pin	2
Q	HM-06-72	Ø5.5 x 19mm torque screw	6
R	HM-05-005	Ø10 x 35 mm hex head bolt	4
S	YM-HM-02-88	Ø10 mm plastic bushing	8
T	HM-07-04	M10 iron washer	8
U	HM-08-07	M10 fiber hex nut	8
V	HM-06-89	M10 x 55 mm carriage bolt	4
W	YM-FUTURELBUST-001-BY	Litter frame weldment	1

## Litter seat assembly



Item	Number	Name	Quantity
A	HM-02-120	Plastic seat cover	1
B	YM-FUTURELBUST-001-BY	Litter frame weldment	1

# Litter gatch (legrest) assembly



Item	Number	Name	Quantity
A	HM-02-121	Plastic calf rest cover	1
B	HM-02-119	Plastic thigh rest cover	1
C	YM-007-006-BY	Calf rest weldment	1
D	YM-006-003-BY	Thigh rest weldment	1
E	HM-20-517	Foot prop assembly	2
F	YM-04-102-BY	102-6 laser cut link	2
G	YM-04-103-BY	103-6 laser cut link	2
H	YM-HM-02-179	Bolt cap	4
I	HM-08-07	M10 fiber hex nut	10
J	HM-07-04	M10 iron washer	12
K	HM-02-283	2 mm plastic washer (10 mm plastic washer) mould NO 34	12
L	HM-06-89	M10 x 55 mm carriage bolt	4
M	YM-HM-02-88	Ø10 mm plastic bushing	8
N	HM-05-005	M10 x 35 mm hex head bolt	4

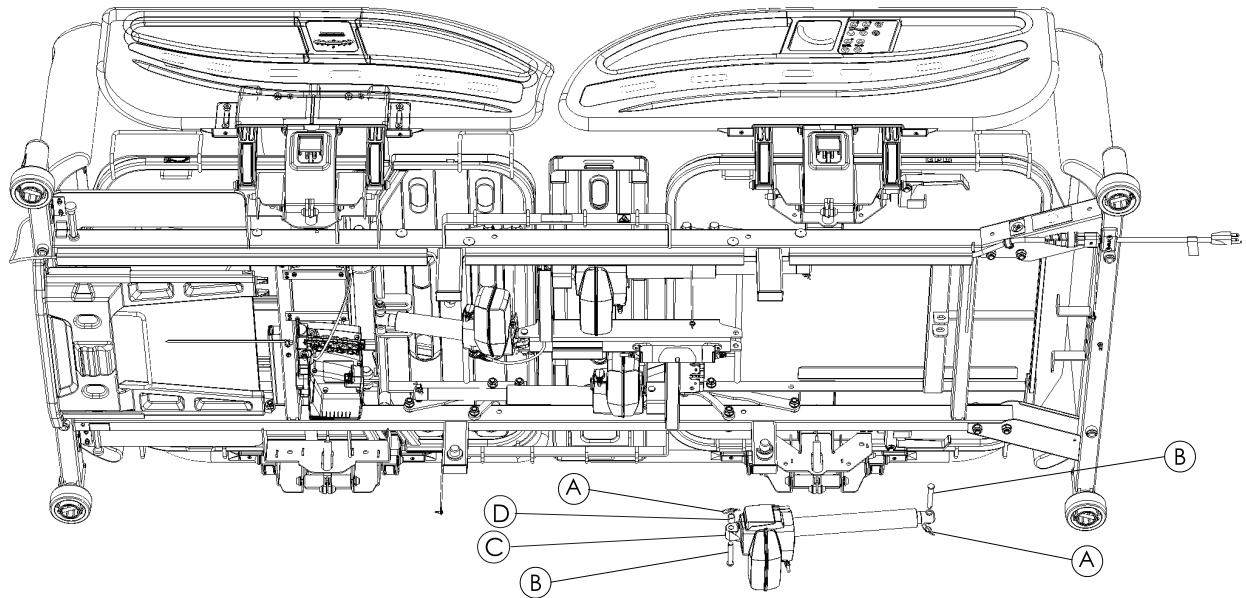
## Litter gatch (legrest) assembly

---

Item	Number	Name	Quantity
O	HM-06-88	M8 x 47 mm carriage bolt	2
P	HM-07-03	M8 iron washer	2
Q	HM-08-06	M8 fibered nut	2
R	HM-06-66	M6 x 15 mm button head screw	1
S	YM-HM-02-55	Ø9 x 12.4 mm plastic screw	2
T	YM-FUTURELBUST-001-BY	Litter frame weldment	1

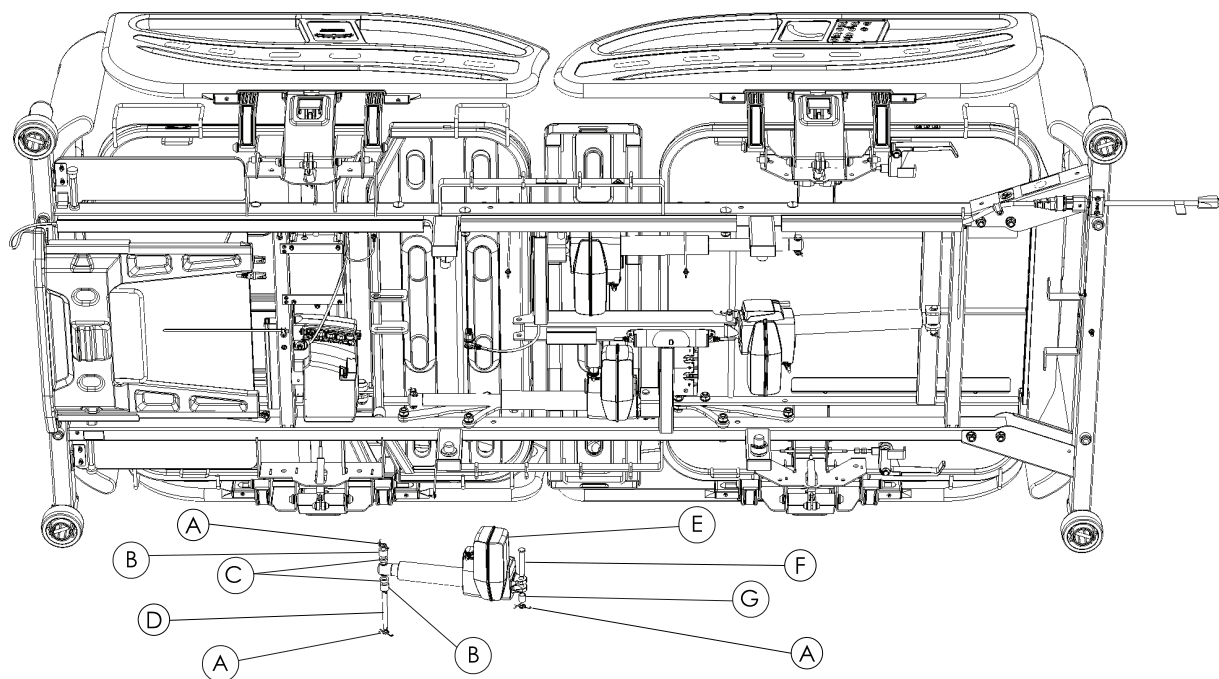


## Fowler (backrest) actuator



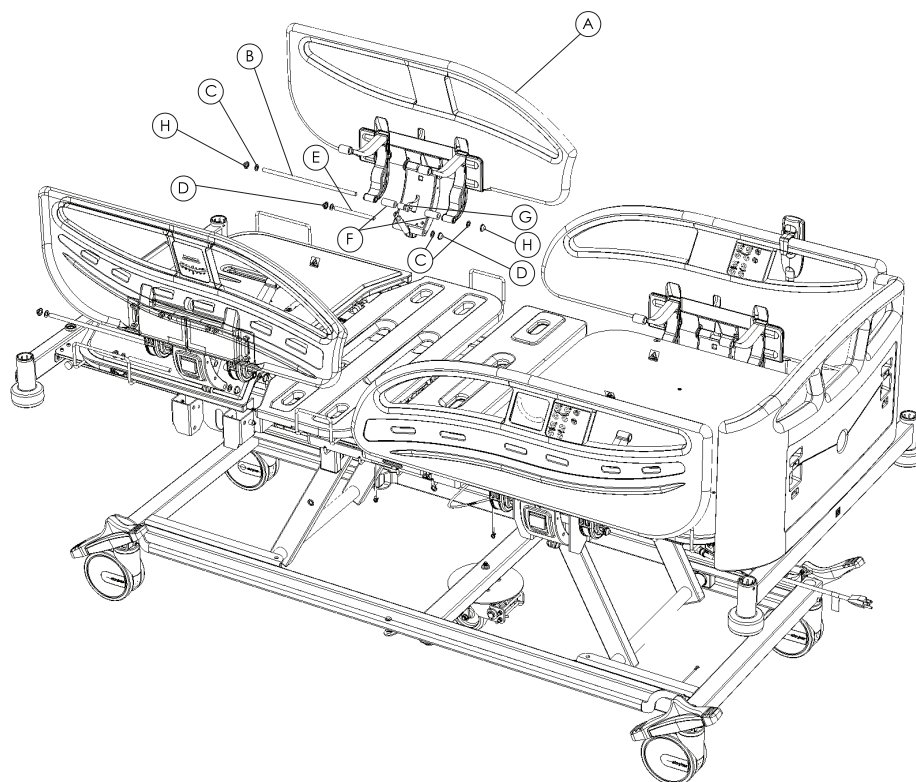
Item	Number	Name	Quantity
A	HM-11-31	Ø10 rue clip	2
B	HM-12-FTR010	Ø14xØ10x65 mm actuator connection pin	2
C	HM-17-303	4000 N LA40 QR 215 mm actuator	1
D	YM-HM-02-027	Actuator pin fixing bush	1

## Gatch (legrest) actuator



Item	Number	Name	Quantity
A	HM-11-31	Ø10 rue clip	2
B	YM-HM-02-287	Ø10.6xØ18x14.1 mm plastic bush	2
C	YM-HM-02-70	Ø10.6xØ18x5 mm plastic washer	2
D	HM-12-FTR009	Actuator calf pin 10x96.5 mm	2
E	HM-17-305	6000 N LA40 100 mm stroke actuator	1
F	HM-12-FTR010	Ø14xØ10x65 mm actuator connection pin	1
G	YM-HM-02-027	Actuator pin fixing bush	1

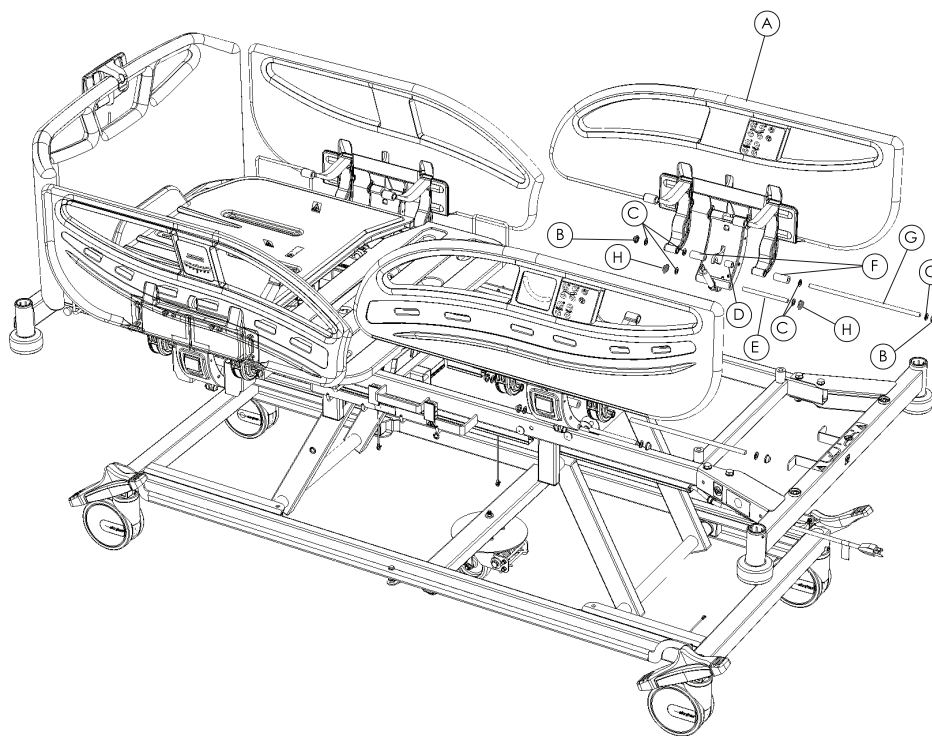
# Siderail head end assembly



Item	Number	Name	Quantity
A	YM-02-144-MN1	SV2 right foot siderail assembly	1
B	HM-12-145	Ø10x305 mm siderail pin	1
C	HM-02-283	Ø10x2 mm plastic washer	6
D	HM-11-19	Ø10 hook ring	2
E	HM-12-005	10x123.5 mm siderail pin	1
F	YM-HM-02-028	Side board lock plastic-long	2
G	YM-HM-02-029	Side board lock plastic-short	1
H	HM-11-31	Ø10 rue clip	2

Siderail laminate	Number (left)	Number (right)
Dark blue	HM-20-853	HM-20-852

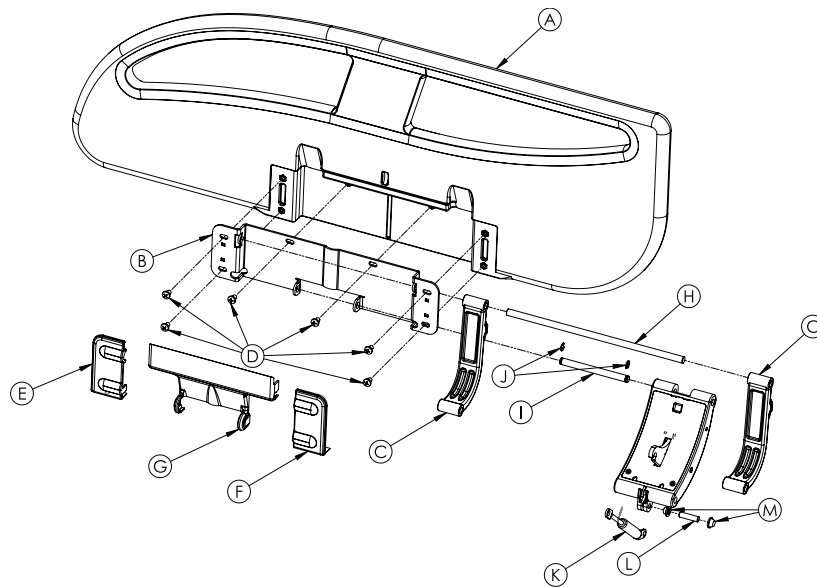
## Siderail foot end assembly



Item	Number	Name	Quantity
A	YM-02-142-MN1	SV2 left siderail for foot	1
B	HM-11-19	Ø10 hook ring	2
C	HM-02-283	Ø10x2 mm plastic washer	6
D	YM-HM-02-029	Side board lock plastic-short	1
E	HM-12-005	10x123,5 mm siderail pin	1
F	YM-HM-02-028	Side board lock plastic-long	2
G	HM-12-145	Ø10x305 mm siderail pin	1
H	HM-11-31	Ø10 rue clip	2

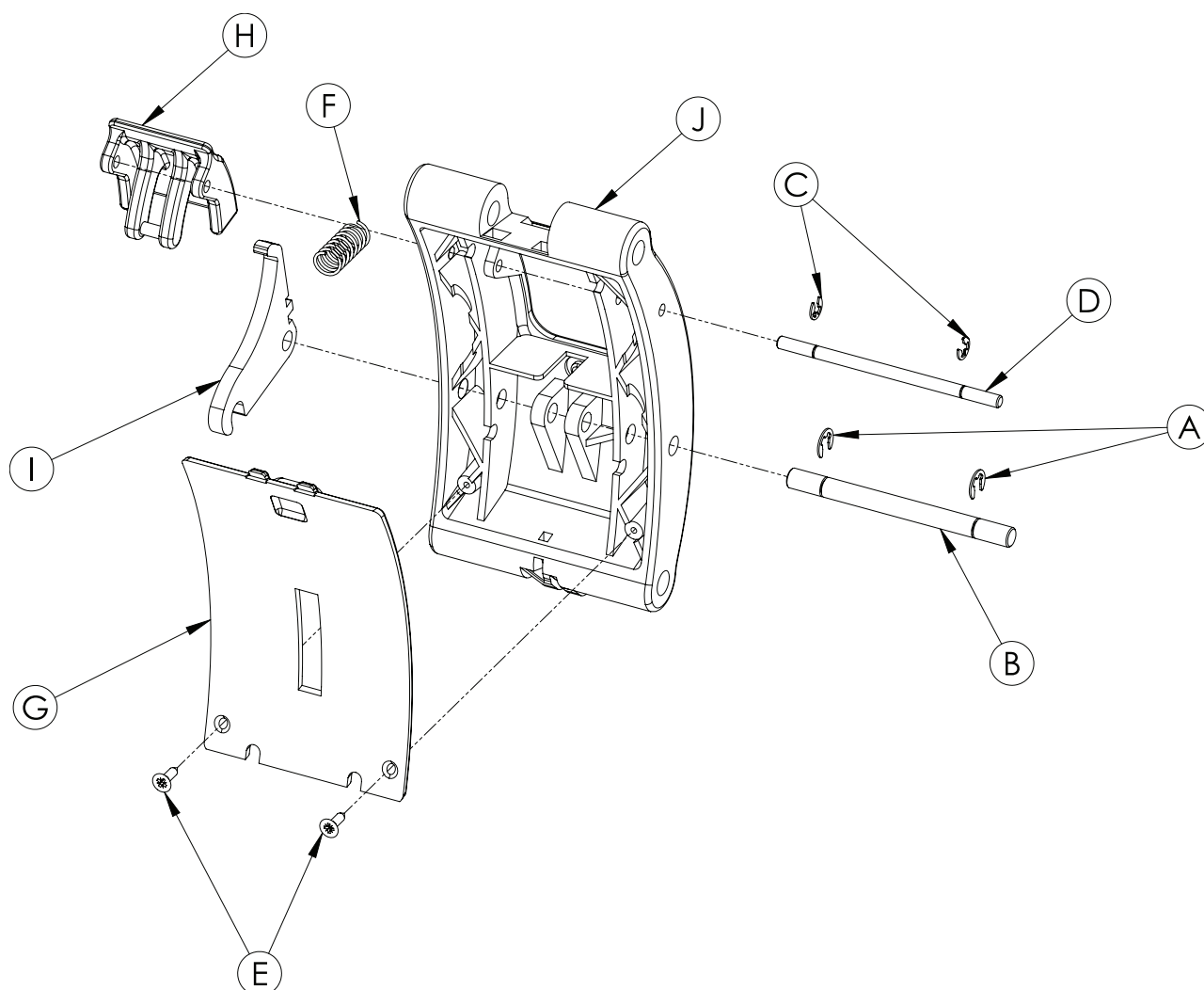
Siderail laminate	Number (left)	Number (right)
Dark blue	HM-20-855	HM-20-854

# Siderail assembly



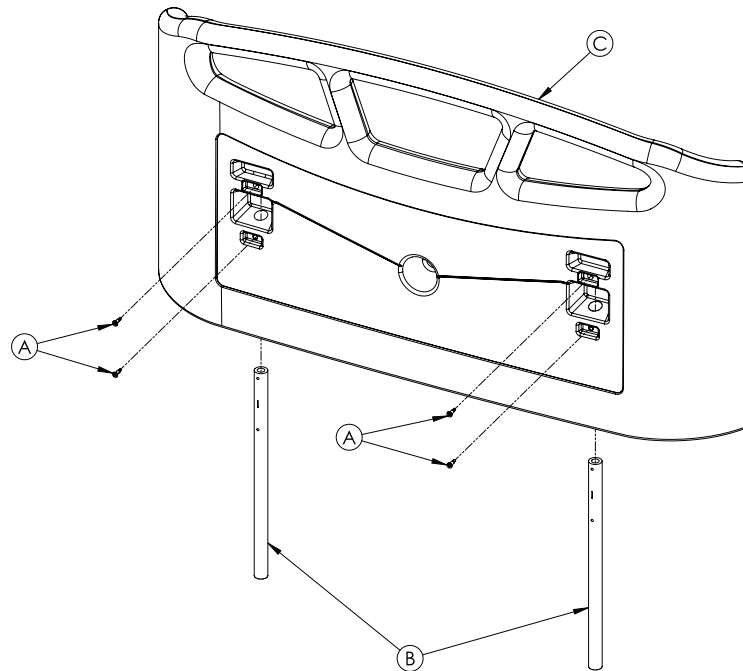
Item	Number	Name	Quantity
A	YM-20-007	Head end right siderail	1
B	HM-04-FTR005	Siderail assembly base metal	1
C	YM-FUTUREALMKL-001-BY	Aluminum siderail arm (white)	2
D	HM-06-23	M6 x 10 mm countersunk bolt	6
E	YM-HM-02-394	Siderail mechanism cover 1 left -mould 81	1
F	YM-HM-02-363	Siderail mechanism cover 2 right - mould 81	1
G	YM-HM-02-362	Siderail mechanism cover 3 center - mould 67	1
H	HM-12-145	12-145 10 x 305 mm siderail pin	1
I	HM-12-144	12-144 10 x 128 mm siderail pin	1
J	HM-11-04	8 mm snap ring	2
K	HM-18-27	Future side rail shock absorber 640015004	1
L	HM-12-146	12-146 8 x 31 mm side rail pin	1
M	HM-11-18	Q8 capped snap ring (DT/6671/43A)	2
N	YM-HM-02-369	Siderail plastic main mechanism housing	1

## Siderail release latch assembly



Item	Number	Name	Quantity
A	HM-11-05	6 mm C shape snap ring DIN 6799	2
B	HM-12-200	Ø8 x 98 mm siderail pin with snap ring slides	1
C	HM-11-06	Size 4 snap ring	2
D	HM-12-147	Ø5 x 98 mm siderail pin with snap ring slides	1
E	HM-06-14	Ø3.5 x 13 mm Star screw	2
F	HM-16-51	Hammer spring	1
G	HM-02-370	Siderail mechanism plastic cover	1
H	HM-02-374	Siderail release handle	1
I	HM04-FTR007	Siderail release hammer	1
J	HM-02-369	Siderail mechanism plastic shell	1

# Headboard and footboard assembly



Item	Number	Name	Quantity
A	HM-06-49	3.9 x 16 mm drill head smart screw	4
B	HM-12-150	Ø18 x 4 mm head pipe	2
C	YM-20-013	Head or footboard polypropylene	1

Headboard laminate	Number
Dark blue	HM-20-871

Footboard laminate	Number
Dark blue	HM-20-870

## EMC information

### Guidance and Manufacturer's Declaration - Electromagnetic Emissions

**SV2** is intended for use in an electromagnetic environment specified below. The customer or the user of **SV2** should assure that it is used in such an environment.

Emissions Test	Compliance	Electromagnetic Environment
RF Emissions CISPR 11	Group 1	<b>SV2</b> uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RF Emissions CISPR 11	Class A	<b>SV2</b> is suitable for use in all establishments other than domestic and those directly connected to the public low voltage power supply network that supplies buildings used for domestic purposes.
Harmonic Emissions IEC 61000-3-2	Class A	
Voltage Fluctuations Flicker Emissions IEC 61000-3-3	Complies	

**Note:** The emissions characteristics of this equipment make it suitable for use in industrial areas and hospitals (CISPR 11 class A). If it is used in a residential environment (for which CISPR 11 class B is normally required) this equipment might not offer adequate protection to radio-frequency communication services. The user might need to take mitigation measures, such as relocating or re-orienting the equipment.

### Guidance and Manufacturer's Declaration - Electromagnetic Immunity

**SV2** is suitable for use in the electromagnetic environment specified below. The customer or the user of **SV2** should assure that it is used in such an environment.

Immunity Test	IEC 60601 Test Level	Compliance Level	Electromagnetic Environment Guidance
Electrostatic Discharge (ESD) IEC 61000-4-2	$\pm 8$ kV contact $\pm 15$ kV air	$\pm 8$ kV contact $\pm 15$ kV air	Floors should be wood, concrete, or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%.
Electrostatic fast Transient/burst IEC 61000-4-4	$\pm 2$ kV for power supply lines $\pm 1$ kV for input/output lines	$\pm 2$ kV for power supply lines $\pm 1$ kV for input/output lines	Mains power quality should be that of a typical commercial or hospital environment.
Surge IEC 61000-4-5	$\pm 1$ kV line(s) to line(s) $\pm 2$ kV line(s) to earth	$\pm 1$ kV line(s) to line(s) $\pm 2$ kV line(s) to earth	Mains power quality is that of a typical commercial and/or hospital environment.



# EMC information


(Continued)

Guidance and Manufacturer's Declaration - Electromagnetic Immunity			
Voltage dips, voltage variations and short interruptions on power supply input lines IEC 61000-4-11	0%U <sub>T</sub> for 0.5 cycle at 0°, 45°, 90°, 135°, 180°, 225°, 270°, and 315°  0%U <sub>T</sub> for 1 cycle  70%U <sub>T</sub> (30% dip in U <sub>T</sub> ) for 25 cycles  0% U <sub>T</sub> for 250 cycles	0%U <sub>T</sub> for 0.5 cycle at 0°, 45°, 90°, 135°, 180°, 225°, 270°, and 315°  0%U <sub>T</sub> for 1 cycle  70%U <sub>T</sub> (30% dip in U <sub>T</sub> ) for 25 cycles  0% U <sub>T</sub> for 250 cycles	Mains power quality should be that of a typical commercial and/or hospital environment. If the user of <b>SV2</b> requires continued operation during power main interruptions, it is recommended that the device be powered from an uninterrupted power supply or a battery.
Power frequency magnetic fields IEC 61000-4-8	30 A/m	30 A/m	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial and/or hospital environment.
<b>Note:</b> U <sub>T</sub> is the a.c. mains voltage prior to applications of the test level.			

Guidance and Manufacturer's Declaration - Electromagnetic Immunity			
<b>SV2</b> is suited for use in the electromagnetic environment specified below. The customer or the user of <b>SV2</b> should assure that it is used in such an environment.			
Immunity Test	IEC 60601 Test Level	Compliance Level	Electromagnetic Environment - Guidance
Conducted  RF IEC 61000-4-6  Radiated RF IEC 61000-4-3	3 Vrms  6 Vrms in ISM bands 150 kHz to 80 MHz  3 V/m 80 MHz to 2.7 GHz	3 Vrms  6 Vrms in ISM bands  3 V/m	Portable and mobile RF communications equipment should be used no closer to any part of <b>SV2</b> , including cables, than the recommended separation distance calculated from the equation appropriate for the frequency of the transmitter.  Recommended separation distance $D=(1.2) (\sqrt{P})$ $D=(1.2) (\sqrt{P})$ 80 MHz to 800 MHz $D=(2.3) (\sqrt{P})$ 800 MHz to 2.7 GHz  Where $P$ is the maximum output power rating of the transmitter in watts (W) according to the

## EMC information

(Continued)

			<p>transmitter manufacturer and <math>d</math> is the recommended separation distance in meters (m).</p> <p>Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey,<sup>a</sup> should be less than the compliance level in each frequency range.<sup>b</sup></p> <p>Interference may occur in the vicinity of equipment marked with the following symbol:</p> 
--	--	--	---

**Note 1:** At 80 MHz and 800 MHz, the higher frequency range applies.

**Note 2:** These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

**Note 3:** The ISM (industrial, scientific, and medical) bands between 0,15 MHz and 80 MHz are 6,765 MHz to 6,795 MHz; 13,553 MHz to 13,567 MHz; 26,957 MHz to 27,283 MHz; and 40,66 MHz to 40,70 MHz.

**Note 4:** Evaluated for immunity to proximity fields from RF wireless communication equipment per IEC 60601-1-2:2014 Table 9.

<sup>a</sup> Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast, and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which **SV2** is used exceeds the applicable RF compliance level above, **SV2** should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as reorienting or relocating **SV2**.

<sup>b</sup> Over the frequency range 150 kHz to 80 MHz, field strengths are less than 3 V/m.

### Recommended separation distances between portable and mobile RF communications equipment and SV2

**SV2** is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of **SV2** can help prevent electromagnetic interferences by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and **SV2** as recommended below, according to the maximum output power of the communications equipment.

Rated maximum output power of transmitter W	Separation distance according to frequency of transmitter m		
	150 kHz to 80 MHz $D=(1.2) (\sqrt{P})$	80 MHz to 800 MHz $D=(1.2) (\sqrt{P})$	800 MHz to 2.7 GHz $D=(2.3) (\sqrt{P})$
0.01	1.12	0.12	0.23

## EMC information

(Continued)

Recommended separation distances between portable and mobile RF communications equipment and SV2			
0.1	0.38	0.38	0.73
1	1.2	1.2	2.3
10	3.8	3.8	7.3
100	12	12	23
<p>For transmitters rated at a maximum output power not listed above, the recommended separation distance <math>d</math> in meters (m) can be estimated using the equation applicable to the frequency of the transmitter, where <math>P</math> is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.</p> <p><b>Note 1:</b> At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.</p> <p><b>Note 2:</b> These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.</p>			

# Warranty

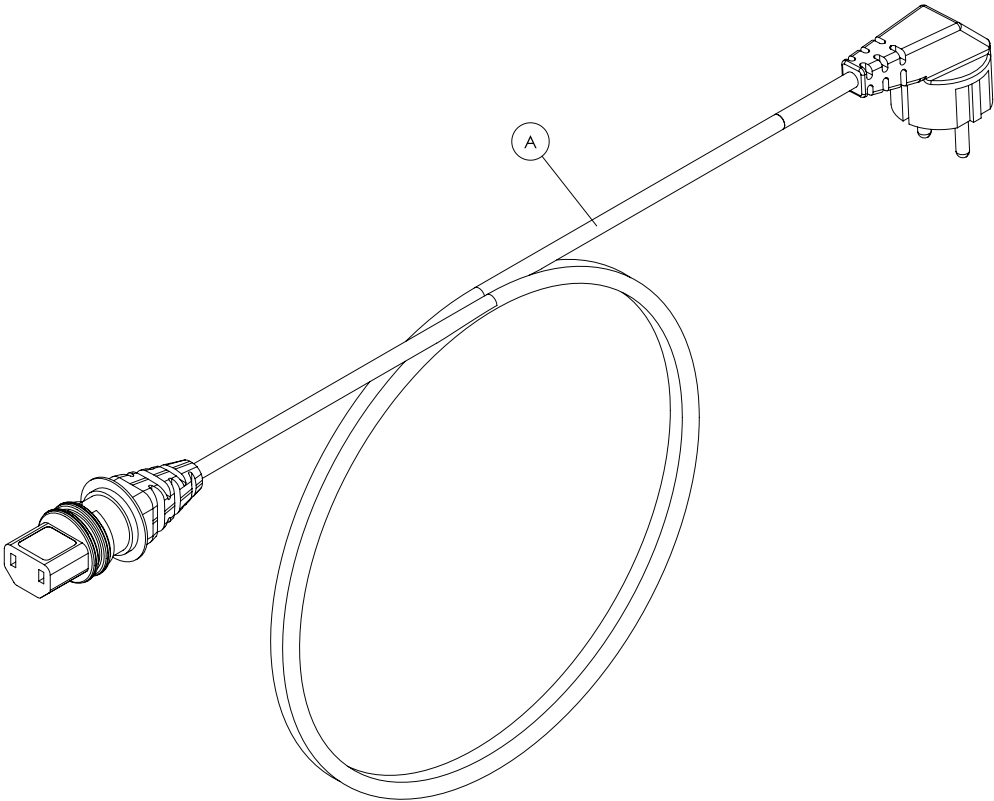
---

Warranty may vary by country. Contact your local Stryker Medical representative for additional information.

# Recycling passports



Assembly part number: HM-17-164 (Reference only)

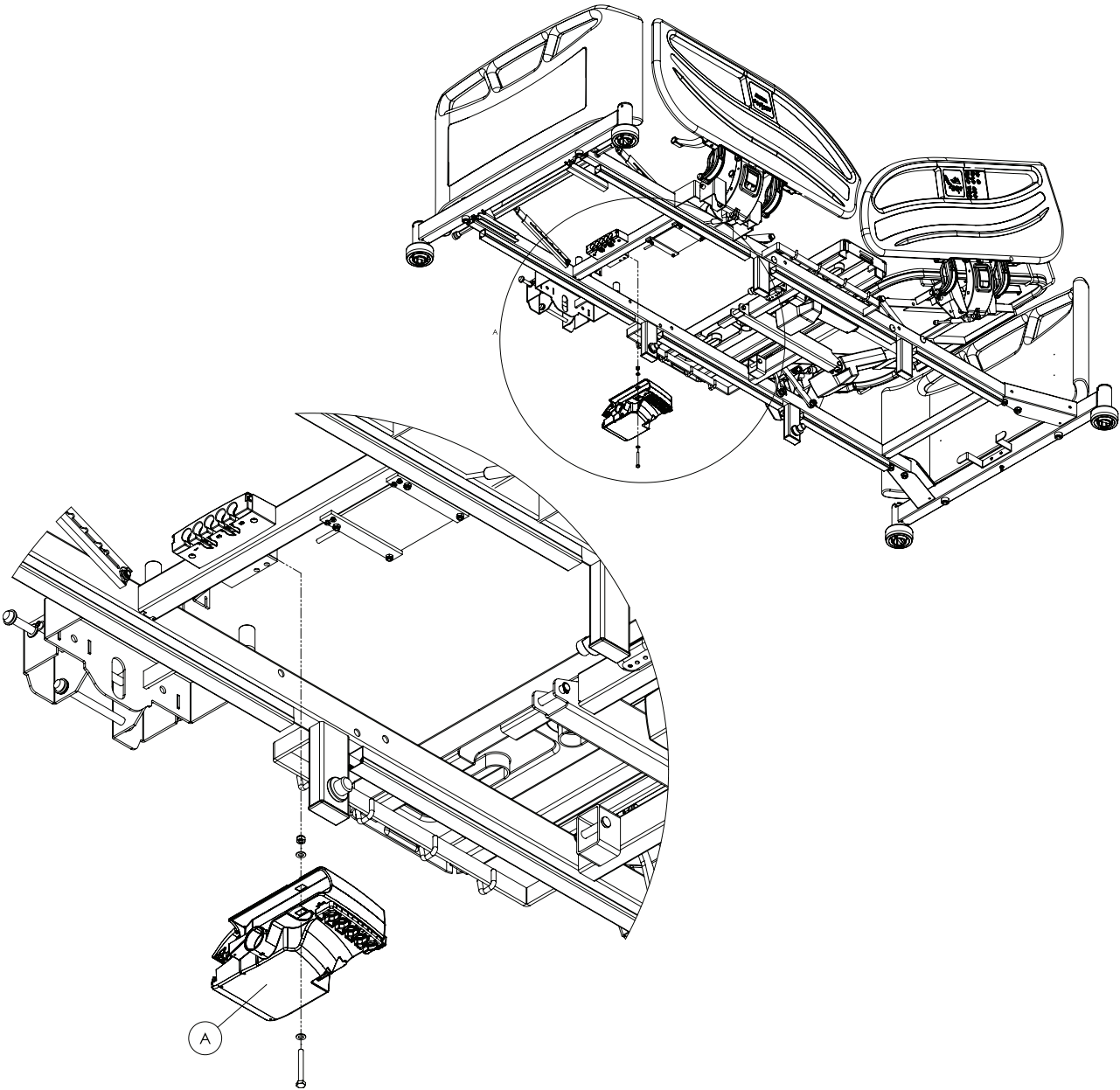


Item	Recycling/Material Code	Important	Qty
A	HM-17-164	Power cable	1

# Recycling passports



Assembly part number: HM-17-314 (Reference only)

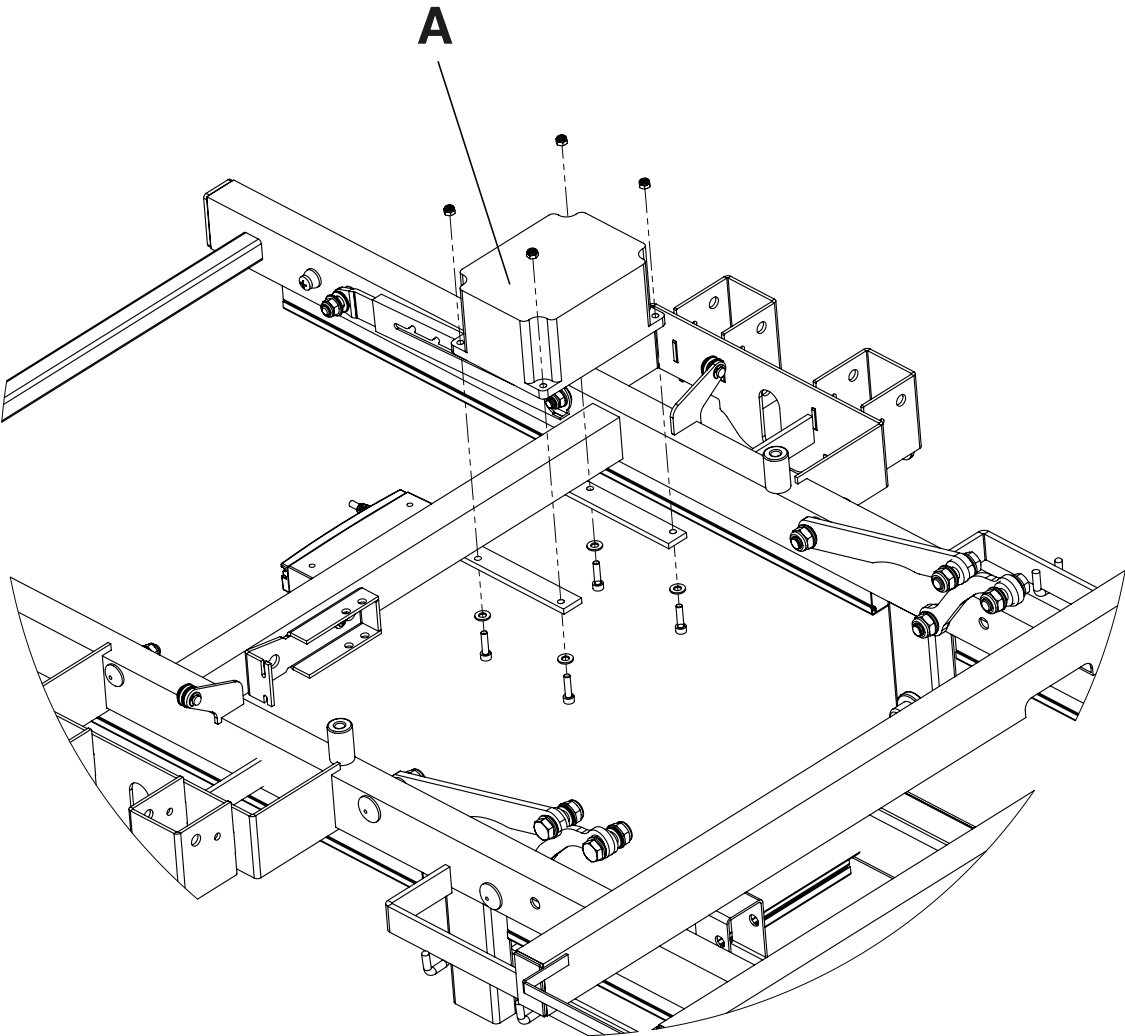


Item	Recycling/Material Code	Important	Quantity
A	HM-17-314	Control box	1

# Recycling passports



Assembly part number: HM-17-16 (Reference only)

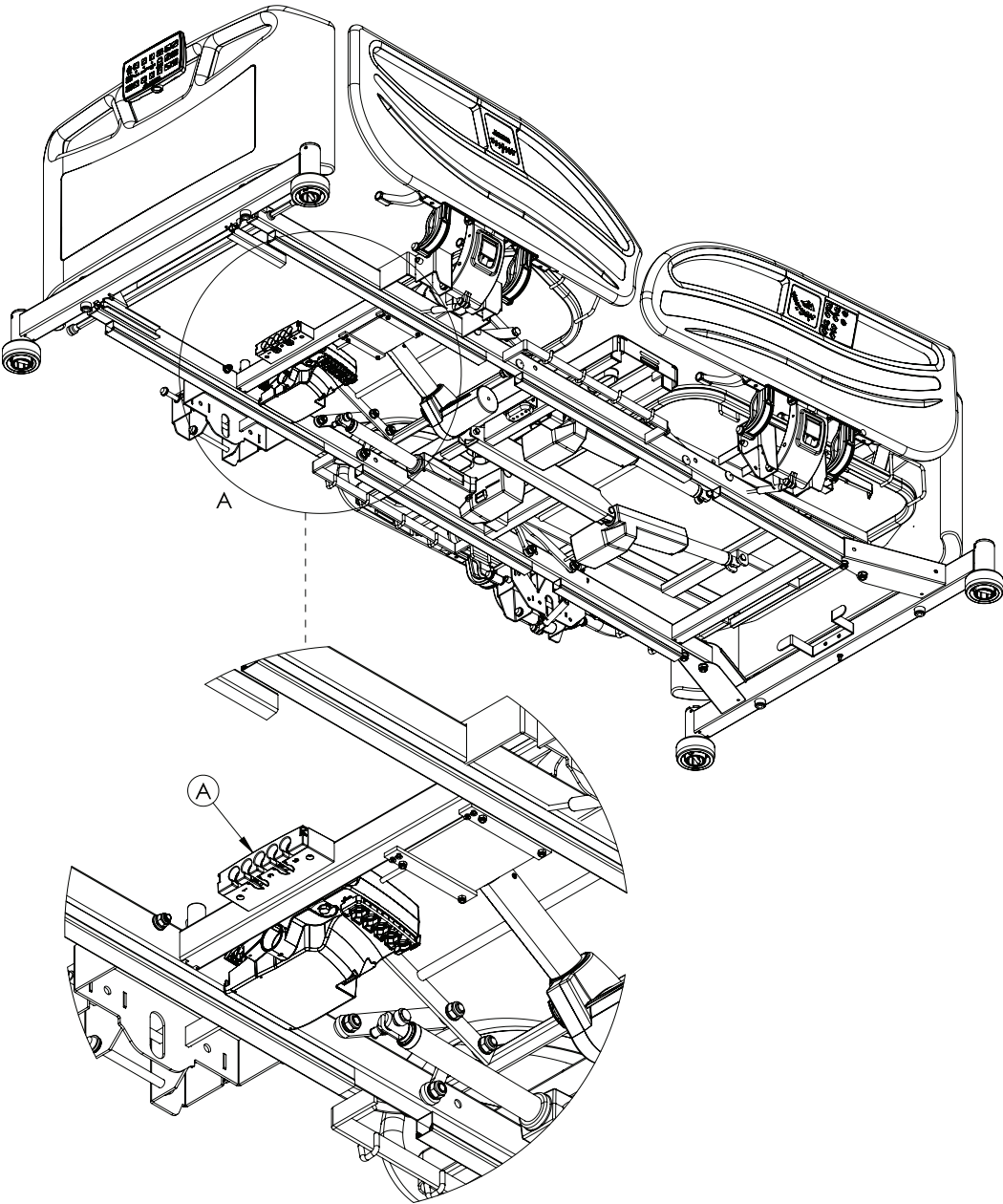


Item	Recycling/Material Code	Important	Quantity
A	HM-17-16	Battery	1

# Recycling passports



Assembly part number: HM-17-156 (Reference only)



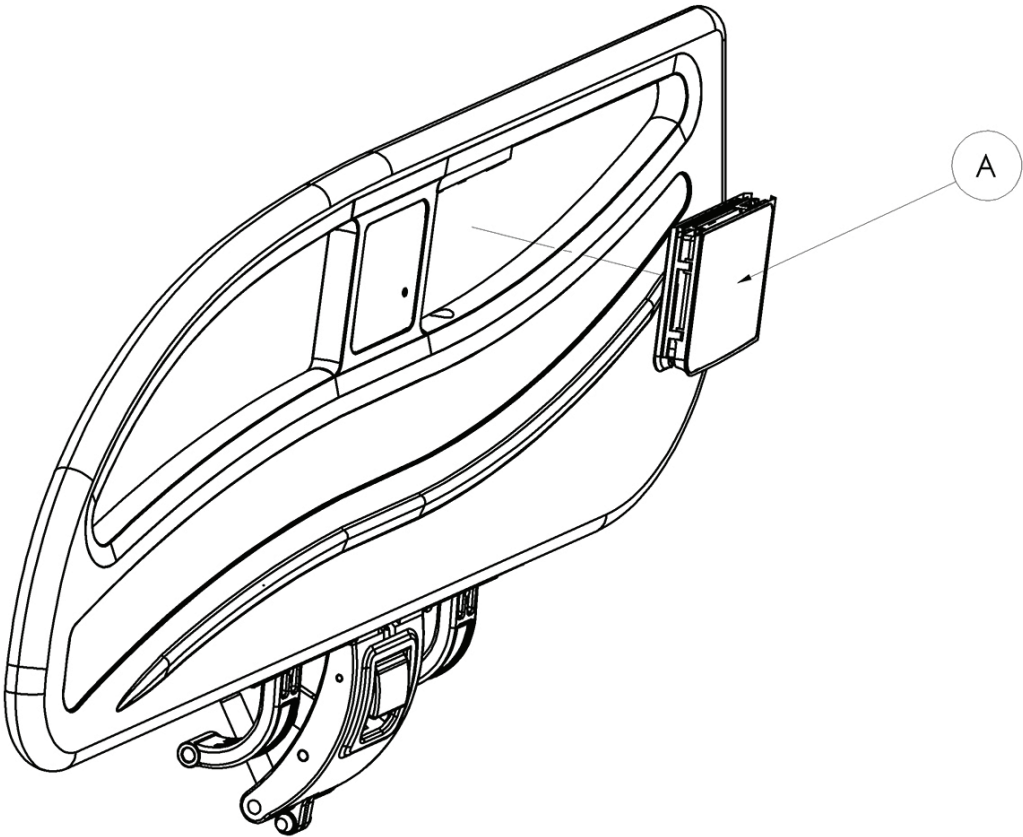
Item	Recycling/Material Code	Important	Quantity
A	HM-17-156	Multi-junction box	1



# Recycling passports



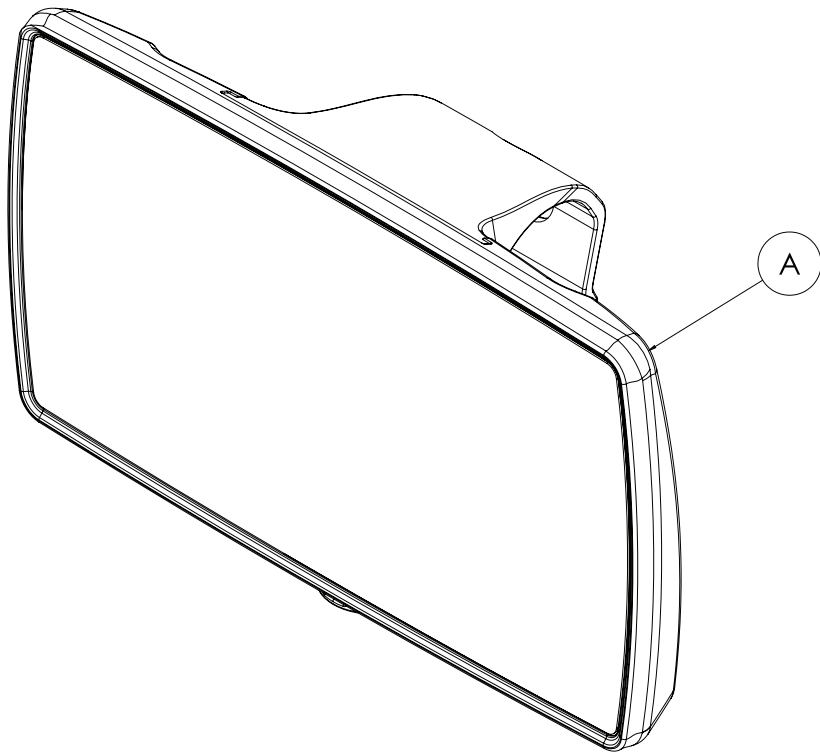
Assembly part number: HM-17-310 / HM-17-311  
(Reference only)



Item	Recycling/Material Code	Important	Quantity
A	HM-17-310 / HM-17-311	Siderail control panel (right / left)	1



Assembly part number: HM-17-313 (Reference only)

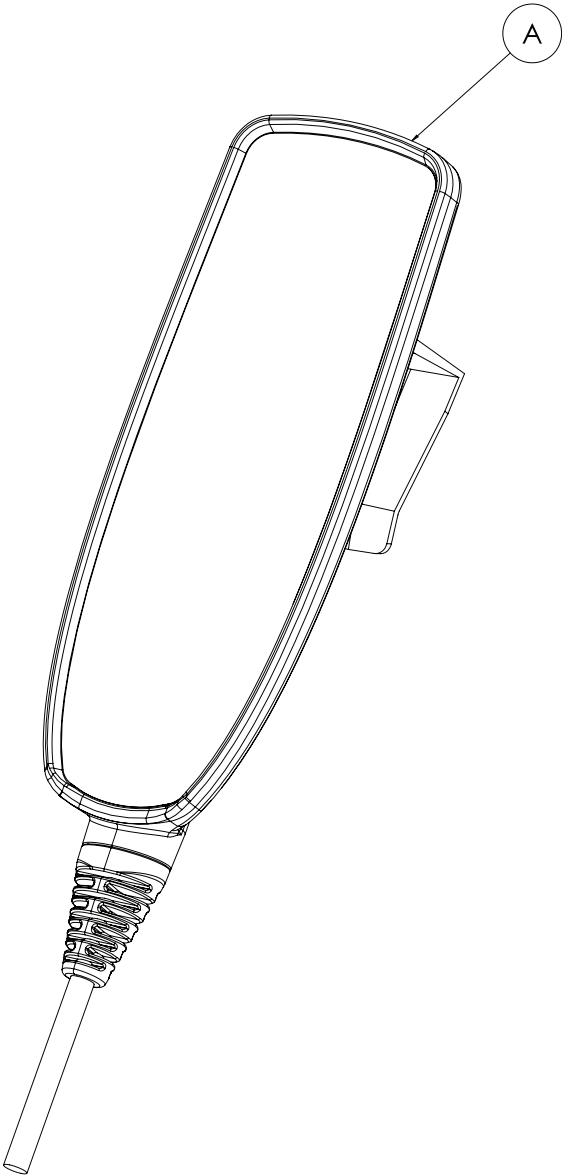


Item	Recycling/Material Code	Important	Quantity
A	HM-17-313	Nurse control pendant	1

# Recycling passports



Assembly part number: HM-17-312 (Reference only)

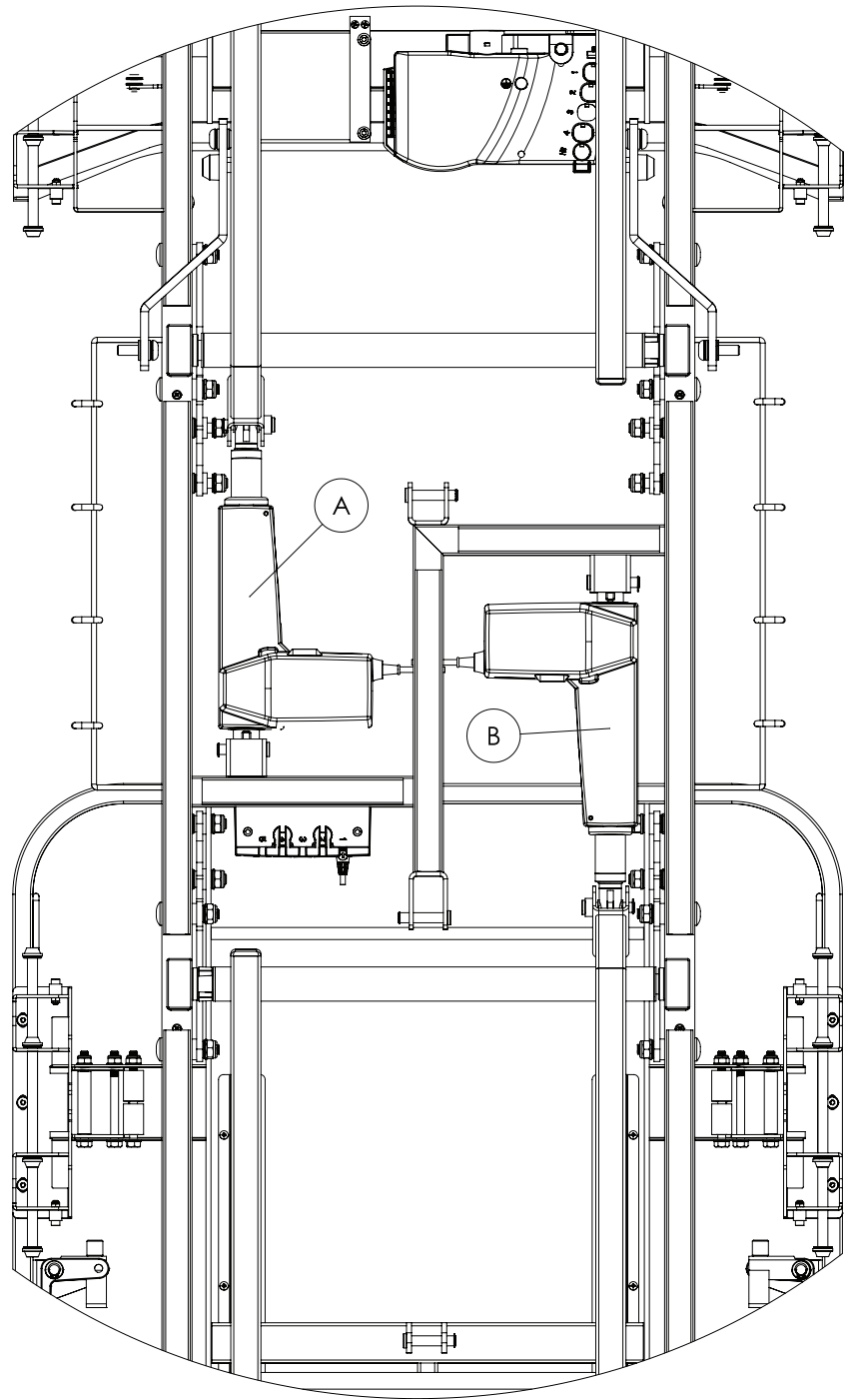


Item	Recycling/Material Code	Important	Quantity
A	HM-17-312	Patient control pendant	1

# Recycling passports



Assembly part number: HM-17-304 (Reference only)

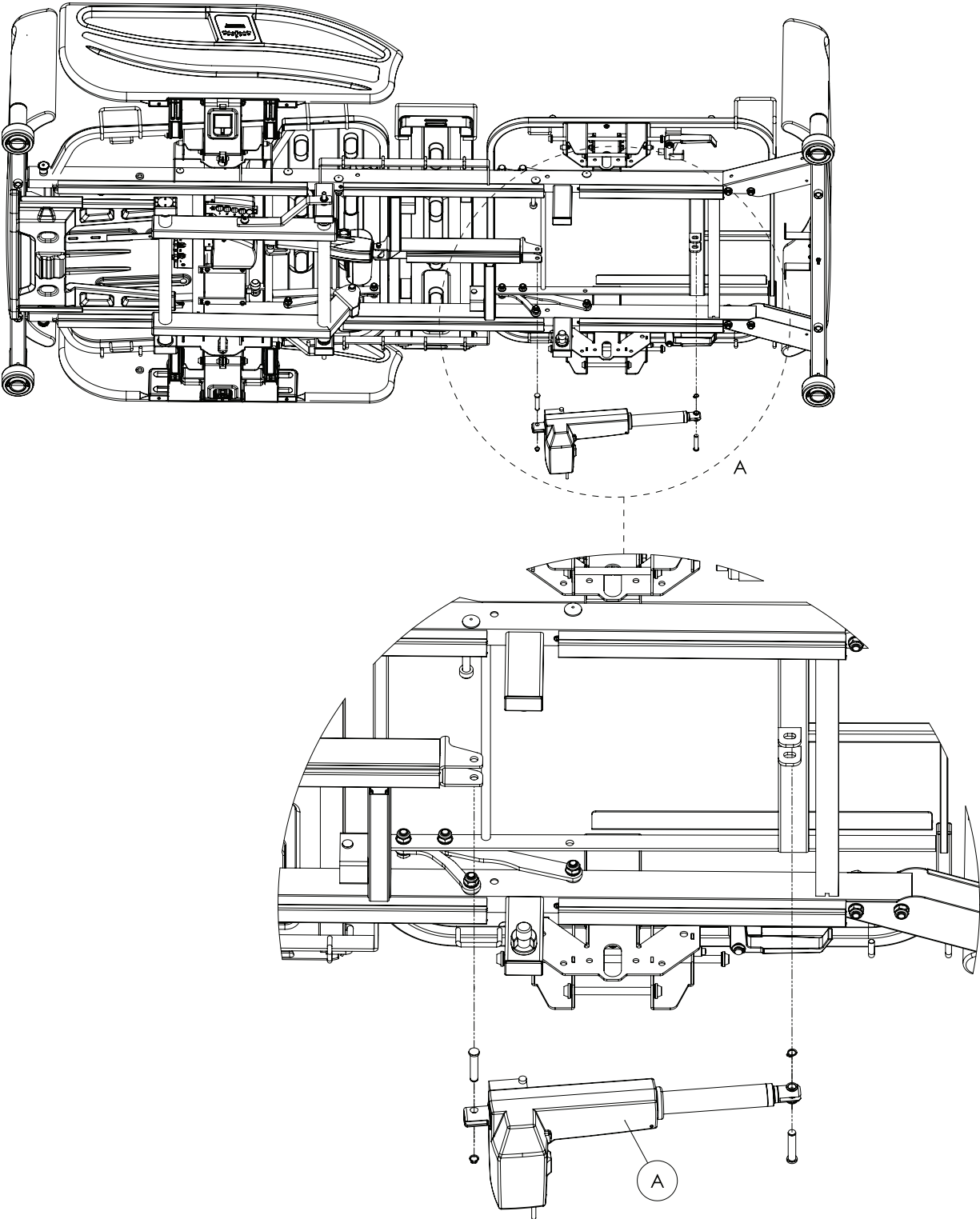


Item	Recycling/Material Code	Important	Quantity
A	HM-17-304	Hi-lo actuator	1
B	HM-17-304	Hi-lo actuator	1

# Recycling passports



Assembly part number: HM-17-303 (Reference only)

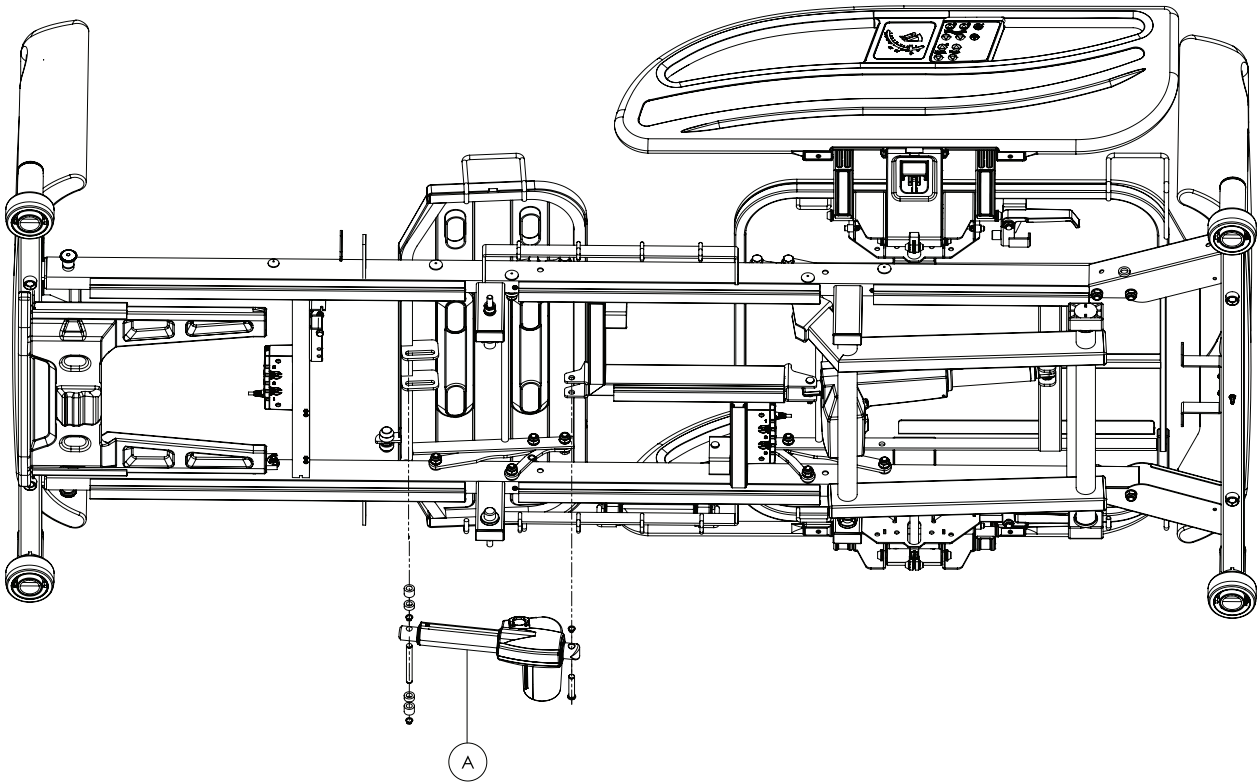


Item	Recycling/Material Code	Important	Quantity
A	HM-17-303	Fowler / backrest actuator	1

# Recycling passports



Assembly part number: HM-17-305 (Reference only)



Item	Recycling/Material Code	Important	Quantity
A	HM-17-305	Leg rest actuator	1



Stryker Medical  
Kayseri Serbest Bölge Şubesi  
2. Cad. No:17 38070  
Kayseri, Turkey MADE IN TURKEY



Stryker Medical  
3800 E. Centre Avenue  
Portage, MI 49002  
USA

**stryker**<sup>®</sup>