

HARD

The nations #1 manufacturer of hospital cribs

CRITICAL CARE CRIB USER MANUAL



MODELS 741-A & 752-A



HARD

1-800-873-4273 ~ parts@hardmfg.com

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GENERAL INFORMATION

- ◆ HARD Manufacturing cribs and youth beds are intended for use by patients up to 150lbs. It is strongly recommended to discourage parents or caregivers from getting into the crib or bed with the patient as it may cause premature wear or damage to various components.
- ◆ The expected service life of all cribs and beds made by HARD Manufacturing is 9 years when preventative maintenance guidelines are followed.
- ◆ HARD Manufacturing recommends the preventative maintenance checklist found at the end of this manual be performed at least once per year on each crib or bed in your facility. Cribs not meeting the criteria listed on the preventative maintenance checklist should be removed from service until they can be repaired as per the recommended guidelines.
- ◆ HARD Manufacturing will support parts including mattresses on our cribs and beds for up to 12 years from the date of manufacture as long as we still make the part or can obtain it from our vendors.
- ◆ Cleaning instructions for all HARD Manufacturing cribs and beds can be found at the end of this manual. ***Failure to follow the proper cleaning instructions can result in premature rust and corrosion of the parts on your cribs.***
- ◆ To request a quote on replacement parts including mattresses- please have either the serial # from the silver sticker located on the mattress platform, or the crib or bed model # and date of manufacture from the sticker on the bottom left side of the foot end available. Contact info is as follows:

Parts Manager
800-873-4273 x216
parts@hardmfg.com

CRITICAL CARE CRIB OVERVIEW

Rail operation and patient access

- Safety Trigger: Red tip must be completely engaged in slide rod to secure side rail.
- Drop Head/Foot End: Allows the head end and/or foot end of the crib to be lowered, and gives additional access to the patient for the caregiver.
- Portland Access: Temporarily permits passage of drainage or ventilation equipment without lowering the sides of the crib.
- Electric Hi-Lo System: The Hi-Lo System allows the deck/mattress height to be adjusted up and down to accommodate caregivers of different heights. This allows for more effective care, helps prevent caregiver back strain/injury and assists with transferring patients in and out of the crib.

Patient Care Features

- WeighSafe Scale: Used to measure the weight (accurate to 0.10 kg) of the patient. Scale Control & instructions located at the foot end of the crib.
- IV Pole: Four adjustable height IV Poles mounted directly on the crib. Allow for easier patient/equipment transport.

Operational Efficiency

- Bumper System: The bumpers are located just above the casters, at all four corners of the crib. If the crib is pushed into a wall, the bumpers touch first and prevent damage from occurring to the crib or the wall.
- Shelf: The under-crib shelf allows for storage of materials. Cut outs for oxygen tanks will securely hold two oxygen tanks.
- Antimicrobial Coating: Silver is integrated into our Confetti powder coat epoxy to prevent the growth of bacteria and micro-organisms. It is safe for human contact and is effective as long as there is a coating on the crib.
- 5" Heavy Duty Casters: One steer caster, two brake, and one swivel caster allow for smooth, easy movement of the bed.



SIDE RAIL OPERATION & SAFETY

Crib rails are raised and lowered with a Johns Hopkins Handle.



The side rail or end rails have “trigger” mechanisms that must lock into place to hold up the rail safely. The red tips of the triggers must be securely seated in the notches of the slide rods on both ends, and you should barely be able to see the red tip if at all. Grasp the rail and tug to be certain the rail is in place firmly and properly.

To prolong the life of the trigger assembly in the side rail, continue to squeeze the trigger mechanism as you lower the rail to the desired height and not release until that time. Letting the red tips of the trigger mechanism drag up and down the slide rods by releasing the trigger mechanism too early will cause the trigger assembly to wear prematurely and break.



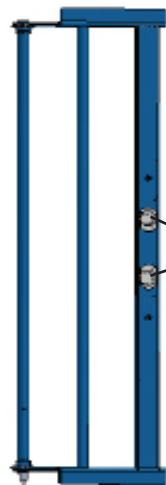
*****If the trigger mechanism for the side rail fails to lock into place properly, remove the crib from service until the mechanism can be replaced.*****

PORTLAND GATE OPERATION & SAFETY



The Critical Care Crib comes with four Portland Gates, two per side rail. The Portland Gates allow for easy access to the child without the need to lower the entire side rail.

The Portland Gates are operated with a fingertip release mechanism which can be seen below.



Fingertip release mechanisms.

To open the Portland Gate, squeeze the two fingertip release mechanisms towards each other and swing the gate open. To close the gate swing it shut. You should hear an audible click as the trigger mechanisms engage into place to keep the gate closed. Tug on the gate to be sure it has latched properly. *If the gate will not stay latched, remove it from service immediately.*

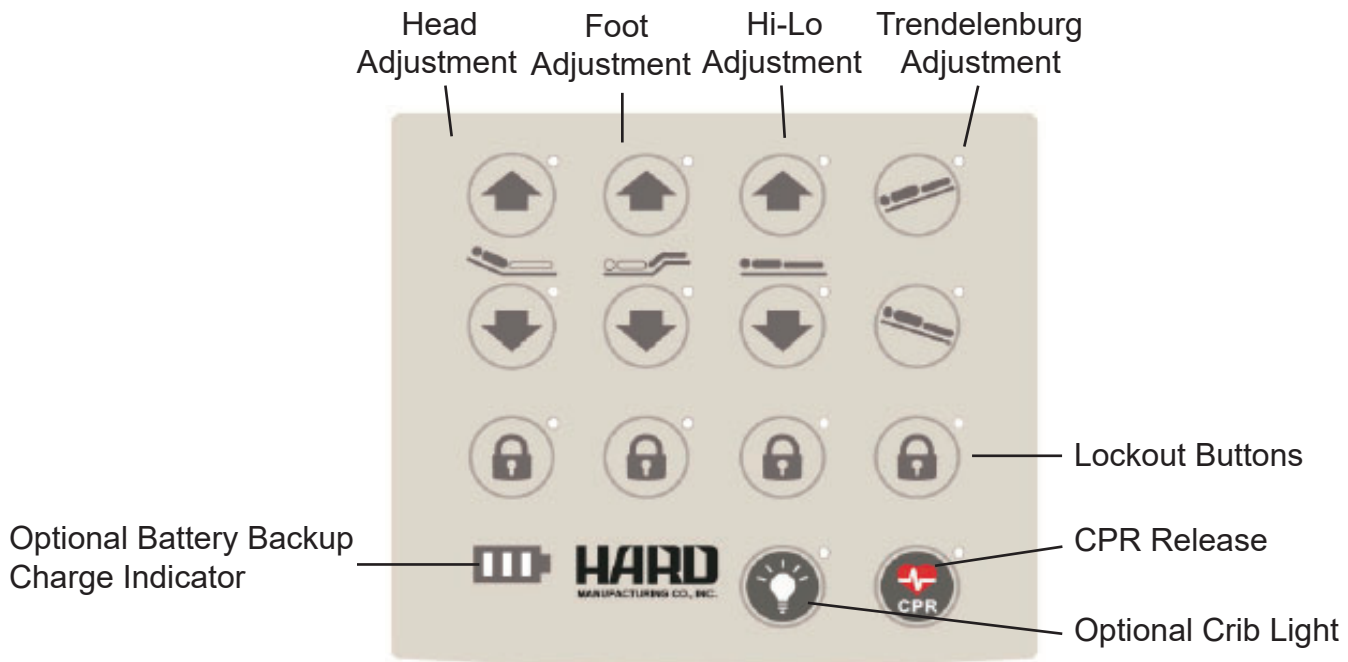
PORTLAND GATE SAFETY

Never leave a child unattended with the Portland Gate open. Close the gate and tug on it to be sure it is securely latched prior to taking your attention from the child in the crib or leaving the room unattended.

Educate parents or visitors who will be in the room with the child on proper usage and closure of the Portland Gates to avoid injury to the child.

An open Portland Gate should never be used as a step in any situation as it is unsafe and not the intended use of the Portland Gate. Permanent and costly damage can occur to the side rail as a result.

STAFF CONTROL INSTRUCTIONS



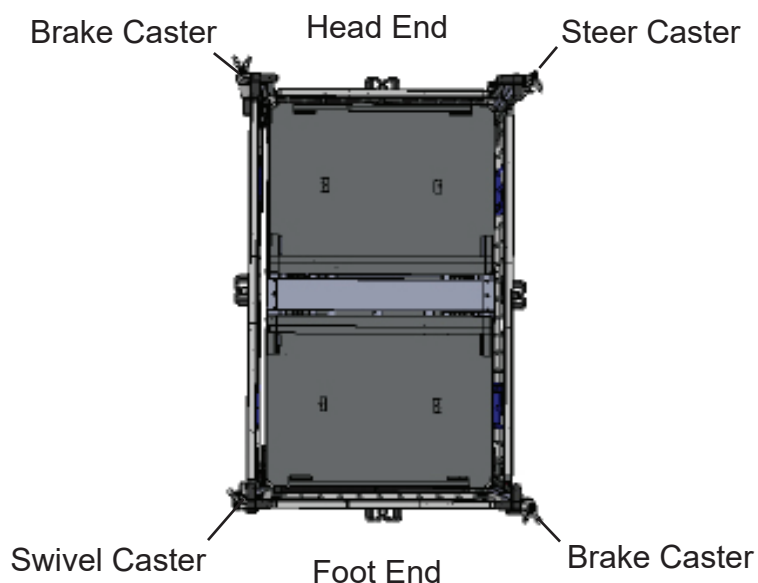
- The Head and Foot Adjustment buttons on the Staff Control will allow the head or foot area to be elevated to a maximum of 30 degrees for patient care and comfort.
- The Hi-Lo buttons on the Staff Control will adjust the height of the Mattress Platform on the crib to a maximum height of 11 inches allowing for ease of care for the patient.
- The Trendelenburg buttons allow for the patient to be tilted with the head higher than the feet or feet higher than the head while the mattress platform is in a flat position as shown on the buttons to assist with certain medical conditions.
- The Lockout Buttons beneath any of the four functions listed above are available to temporarily cut off the functionality of the head, foot, Hi-Lo and Trendelenburg features if desired. Press and hold the Lockout button under each feature and hold until it becomes lit to lock, and press and hold again to unlock.
- The CPR release button is designed to be a quick method to lower all bed functions or adjustments back to the original flat position in the event of a patient emergency. **PLEASE NOTE THE MATTRESS PLATFORM SHOULD BE IN THE LOWEST POSITION TO PERFORM CPR.**
- The optional Crib Light can be used to illuminate the patient's room or a path for travel for a caregiver in the event of a power outage.
- If your crib is equipped with the optional Battery Backup, the charge indicator allows caregivers to see the battery life remaining in the event of a power outage.

****If the crib is unplugged from the wall and is not equipped with a battery backup or if the backup does not have a charge, it will be necessary to reset the control panel upon the crib being plugged back in or the power coming back on. To reset- press both of the Hi-Lo Adjustment buttons at the same time and hold for several seconds until the flashing lights on the panel go out. Please be aware this action will cause the head, foot and hi-lo to return to the lowest positions. Press the CPR button next to bring the head and foot sections up to a level position, or use the head, foot and hi-lo buttons to return the crib to any desired position.***

CASTER INSTRUCTIONS

Each crib or bed made by HARD Manufacturing beginning in 2015 comes equipped with a set of four 5" heavy duty casters. There is one steer caster, two brake casters and one swivel caster.

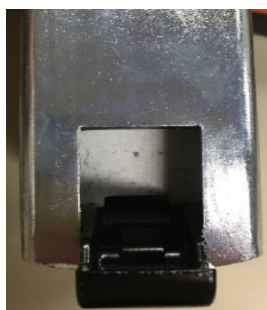
See the diagram below for placement of the different type casters. The placement is the same on both cribs and beds for all models.



Steer Caster not engaged



Steer Caster engaged for movement

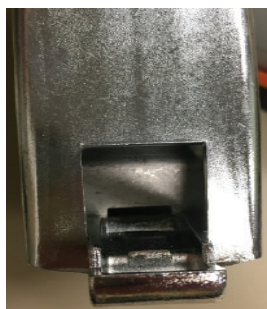


To properly steer the crib, engage the pedal on the caster shown above by stepping on the black lever. The caster should appear as it does in the right hand photo above and a click may be heard while engaging the pedal properly.

Brake Caster not engaged



Brake Caster engaged



To engage the brakes on the crib to prevent movement, step on the pedal lever. The caster should appear as it does in the right hand photo. **Note: The crib or bed should never be moved while the brake casters are engaged as permanent damage to the wheels can occur.**

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ABOUT YOUR PEDIATRIC CRIBS & YOUTH BEDS

All HARD cribs & youth beds come with a powder coating technology which uses anti-microbial additives to prevent and protect surfaces from the growth of bacteria and destructive micro-organisms.

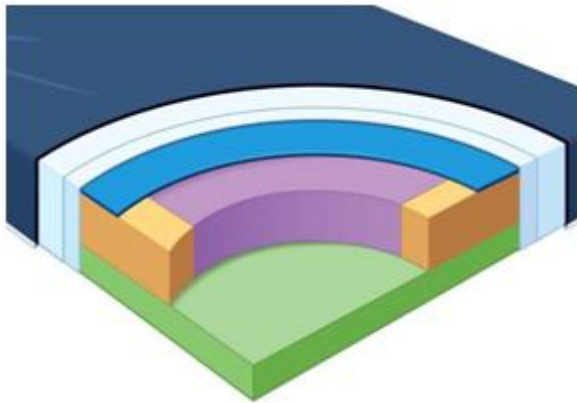
Silver is the anti-microbial agent used in the coating. Silver has been used for thousands of years as a natural element known to keep drinking water and food supplies safe from molds and fungus. Silver interrupts a bacteria cell's ability to form chemical bonds which are essential to its survival. These bonds are integral to the cell's physical structure. Therefore, bacteria in the presence of silver essentially fall apart. Cells in humans and other animals are structurally different and are not disturbed by silver, making the product environmentally safe.

We utilize the properties of silver and produce a finish with anti-microbial properties for any of HARD's cribs or youth beds. This will provide protection against a broad range of micro-organisms such as e-coli, fungus, mildew, salmonella and algae. HARD's anti-microbial finishes are safe for human contact and remain effective as long as there is a coating on the crib surface.

Because silver is inorganic, germs can not build up a resistance to the anti-microbial coating. In laboratory testing anti-microbial products have been tested to be 99.9994% effective against e-coli.

HARD Manufacturing Pressure Reduction Mattress with FlexShield™

Designed specifically for Hard Cribs and Beds to provide a firm yet pressure reducing sleep surface.



Mattress Specifications

- 4-way stretch, cast coated urethane fabric for premium comfort.
- Smooth fabric allows for more effective cleaning and is water resistant.
- Exclusive construction combines 20 lb density cast urethane foam for a firm yet supple top surface; laminated to a pressure reducing 4 lb density expanded urethane gel foam slab; adhered to a 2.5 lb density expanded base foam layer for added weight capacity.
- Pressure reduction property of the sleep surface has been verified with X-Sensor® Pressure Mapping Technology.
- Foam construction is double wrapped with fire resistant stretch knit fabric to exceed flammability standards while keeping pressure reduction qualities. (Passing the CA Tech Bulletin 129 and 16 CFR Part 1633 open flame fire tests).
- Mattress materials are phthalate free.
- Designed and manufactured in USA.

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ELECTRICAL WARNINGS

Intended Use

An AC-powered adjustable hospital bed is a device intended for medical purposes that consists of a bed with a built-in electric motor and remote controls that can be operated by the patient to adjust the height and surface contour of the bed. The device includes movable and latchable side rails. This crib is intended to be used with hospital grade bedding. This device is intended for juveniles with a maximum weight of 150 lbs.

General Description

An AC-powered adjustable hospital bed is a device intended for medical purposes that consists of a bed with a built-in electric motor and controls that can be operated by the health care provider or patient (optional) to adjust the height and surface contour of the bed. The device includes movable and latchable side rails.

Applied Parts

Part of medical equipment that in normal use necessarily comes in to physical contact with the patient for a medical system to perform its function. Patient connection: individual point on the applied part through which current can flow between the patient and the medical equipment in normal condition or single fault condition. Identified as Type B parts, Side Rails, Head Rail and Foot Rail.

Disposal: At end of product and accessories service life, this unit should be disposed of in accordance with current facility approved practices and local municipal codes.

Application Environments:

Intensive/critical care provided in a hospital where 24 hour medical supervision and constant monitoring is required and provision of life support system/equipment used in medical procedures is essential to maintain or improve the vital functions of the patient...or, acute care provided in a hospital or other medical facility where medical supervision and monitoring is required and equipment used in medical procedures is often provided to help maintain or improve the condition of the patient.

WARNING: To avoid risk of electric shock, this equipment must only be connected to a supply main with protective earth.

Do not position the equipment where it is difficult to reach the mains plug. The main plug is to be used to disconnect power from the device.

Inappropriate handling of the power supply cord e.g. by kinking, shearing, or other mechanical damages may create unacceptable risks and hazards. Routing cables from other equipment in the medical bed requires precautions to be taken to avoid squeezing those cables between parts of the medical bed.

No hoists shall be used with this medical bed because of the limited space underneath the medical bed.

The manufacturer will provide instructions and/or assistance for the correct replacement of interchangeable or detachable parts by service personnel

The manufacturer will provide or assist with circuit diagrams of any serviceable parts, component parts lists, descriptions, or calibration instructions to assist service personnel in parts repair. **WARNING: No modification of this equipment is allowed. Doing so will void any applicable remaining warranty of parts.**

Caution: Based on the results of EMC testing investigations conclude the product tested **complies** with the requirements of the standard(s) indicated. The results obtained in the test report are based on standards IEC 60601-1-2 ed3.0 (2007-03) with EMC Deviations per IEC 60601-2-52 ed1.0 (2009-12). Additional information concerning this specific testing and method how to avoid or minimize the potential for electromagnetic and reciprocal interference.

Electrical Ratings:

100-240v~, 50/60Hz, 2000mA

IP66

10% duty cycle, 2 minutes on 18 minutes off

Type B Applied Part





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CLEANING INSTRUCTIONS FOR HARD MANUFACTURING CRIBS, BEDS & MATTRESSES

CRIBS OR BEDS

- ◆ HARD Manufacturing recommends the cribs and beds be washed by hand with a non-abrasive cleaner of your facility's choice and then thoroughly dried with a soft cloth or towel. Our equipment should never be placed in a machine for cleaning or subject to steam guns or pressure washers of any kind. Do not allow the crib or bed to air dry as pools of water left on the mattress pan surface or near bolt holes may eventually lead to premature corrosion.
- ◆ We suggest the use of a cleaner such as one that contains Quaternary Ammonium Chloride (Quats). Quats will both clean the crib or bed as well as disinfect it without oxidizing our epoxy.
- ◆ Any type of cleaner containing ammonia, alcohol, bleach or any other chemical that is abrasive should never be used on our cribs or beds for any reason.

MATTRESSES

- ◆ For mattresses, HARD Manufacturing recommends they be wiped down with a cleaner/ disinfectant of the facility's choice. Our mattresses should not be subjected to any type of power washing. Bleach should never be used on our mattress as it may discolor the fabric.
- ◆ Mattresses should never be put back on the crib if the cover is not thoroughly dry. Failure to do so may cause premature corrosion on the pan mattress surface.
- ◆ Mattresses should always be allowed to dry in a flat position, never in an upright position. Failure to keep the mattress flat during the drying process could lead to the foam inside the cover to shift, creating permanent damage/lumps in the mattress.

VINYL CURTAINS

- ◆ Vinyl curtains on Springfield Cribs, Critical Care II Cribs and Monroe Beds can be cleaned with a non-caustic, non-alkaline emulsified detergent to remove oil, dirt, grease, etc. The detergent should be sprayed on or applied with a rag and immediately wiped off. Be sure to dilute the detergent as per the manufacturer's instructions prior to use.

Please note failure to follow the recommended cleaning guidelines stated by HARD Manufacturing can cause permanent damage to the crib/bed and/or mattress which will not be covered under warranty.

HARD Manufacturing recommends our equipment be cleaned at minimum once per year, or as often as required/needed per end user procedures/guidelines.



HARD PREVENTATIVE MAINTENANCE GUIDE FOR ELECTRIC HOSPITAL CRIBS

The intent of this document is to provide health care facility engineers, maintenance personnel and other health care professionals involved in the operation and maintenance of electric cribs made by Hard Manufacturing the comprehensive information needed to achieve their expected 9 year service life.

We recommend the preventative maintenance checklist provided be performed once per year per crib at minimum.

If a crib is damaged in any way that poses a safety issue to either the patient or staff utilizing it, we recommend that it be removed from service and subjected to a complete preventative maintenance inspection. A checklist of suggested items can be found below and the following pages.

1.0 General Operation

CAUTION

1.1 Please refer to the caution pages earlier in this manual for information on the safe operation of one of our electric cribs.

1.2 If a crib is damaged in any way that poses a safety issue to either the patient or staff utilizing it, we recommend that it be removed from service and subjected to a complete preventive maintenance inspection. A checklist of suggested items to review is on the following pages of this document.

1.3 General overall cleaning with mild non-abrasive detergent should be applied at least once (1) per year or at the discretion of your facility. See more detailed cleaning instructions on a separate page of this manual.

2.0 Crib Safety Audit

2.1 Filler Bar Spacing – Examine the spacing between bars of all cribs in service. If a crib has railing spaces that exceed 2-3/8", remove it from service.

2.2 Entrapment in cribs – Examine the spaces between the mattress support and head, foot and side rails, with the mattress both flat and in a raised position. If the opening exceeds 4", remove the crib from service.

2.3 Mattress Fit – Inspect your crib mattresses to determine whether they are of adequate size. The mattress should fit snug within the rails and there should not be any sizeable gaps between the mattress and the rails.

2.4 Crib Weld Assemblies– Thoroughly inspect head and foot ends, side rails, the mattress platform and any other metal components of the crib frame for bent components, cracks or breaks. Remove from service immediately if any of this type of damage is found.



PREVENTATIVE MAINTENANCE GUIDE FOR ELECTRIC HOSPITAL CRIBS

HARD Serial # of Inspected Unit: _____ Facility Serial # of Inspected Unit _____

3.0 Physical Inspection of Crib Components

YES NO

Side Rails, End Assemblies & Slide Rods

- ____ ____ 3.1 Do Any of the rails on the crib have bent filler bars, or damaged or broken welds?
- ____ ____ 3.2 On both the head and foot ends, check the weld assemblies paying special attention to the upper and lower crib eyes. Are the welds free of damage or breaks?
- ____ ____ 3.3 Do all trigger assemblies firmly latch in place to secure the rails, and retract & release properly when the Johns Hopkins handle is utilized?
- ____ ____ 3.4 Does the Johns Hopkins handle operate properly on all rails?
- ____ ____ 3.5 Raise and lower the side rails and end rails to verify they operate in a smooth motion.
- ____ ____ 3.6 Are the bushings present in the rail openings at the top and bottom? These are the plastic bushings that help the rail glide up and down on the slide rods.
- ____ ____ 3.7 Are the components at the top and bottom of the slide rods intact and free of damage?
- ____ ____ 3.8 Check the staff control and the scale control if present. Are the panels free of damage? Are the housings free of damage?
- ____ ____ 3.9 Are the protective teething bar covers present on the top of the side rails?
- ____ ____ 3.10 If the crib has Portland or Dialysis Gates in the side rails, do the trigger assemblies retract and release? Do the gates remain securely closed when tugged on?

IV Pole(s)

- ____ ____ 3.11 Are the brackets and connectors present and free of damage on all IV poles?
- ____ ____ 3.12 At the top of the IV pole, are all the components present, free of damage and securely fastened?
- ____ ____ 3.13 On the upper portion of the IV pole, are the components present that are used as the release knob?
- ____ ____ 3.14 Raise and lower the IV pole to be sure it operates in a smooth, east manner and locks in place properly when raised.

Continued on next page...



PREVENTATIVE MAINTENANCE GUIDE FOR ELECTRIC HOSPITAL CRIBS

3.0 Physical Inspection of Crib Components, Continued

YES NO

Mattress & Mattress Platform Assembly

- ___ ___ 3.15 Do any of the components of the scissor lift or remainder of the mattress platform have any breaks in the welds or any bent or damaged parts?
- ___ ___ 3.16 Are the mattress pans showing any signs of rust? If so, refer to the cleaning instructions on the prior pages of this manual. Replacement of those rusted components will be necessary.
- ___ ___ 3.17 Are all nuts and bolts on the mattress platform securely fastened? *Note- nuts and bolts at the center of the scissor brackets and at the ends of the actuators should not be over-tightened or it may impede the smooth movement of the crib functions.*
- ___ ___ 3.18 Inspect the cords from all actuators, the staff control, the control box, the battery backup and the under crib lights if your crib is equipped with these items. Are all cords intact, plugged in securely and free of damage or any fraying?
- ___ ___ 3.19 Is the mattress cover completely intact with no tears in the fabric or the trim?

Casters, Under Crib Shelf and Bumper System

- ___ ___ 3.20 Is the crib able to be moved easily/do the wheels roll smoothly.
- ___ ___ 3.21 Do the casters show any sign of being bent or not in proper alignment?
- ___ ___ 3.22 Do the wheels have any flat spots indicating they may have been pushed with brakes on?
- ___ ___ 3.23 Are the bolts present in all 4 casters and securely fastened?
- ___ ___ 3.24 Do the locking mechanisms on the steer and brake casters function properly?
- ___ ___ 3.25 Check the under crib shelf thoroughly. Is it free from any cracks or other damage?
- ___ ___ 3.26 Is the under crib shelf securely fastened to the bumper system?
- ___ ___ 3.27 Inspect the bumpers on both ends of the crib. Are the grey corner bumpers present? Are the other portions of the bumpers free of breaks, bends or other damage?
- ___ ___ 3.28 Are the bumpers both securely fastened to the ends of the crib?

Continued on next page...



PREVENTATIVE MAINTENANCE GUIDE FOR ELECTRIC HOSPITAL CRIBS

3.0 Physical Inspection of Crib Components, Continued

YES	NO	Curtains, Curtain Assemblies & Vinyl Top Covers- Springfield and Critical Care II Cribs only
___	___	3.29 Inspect all vinyl curtains. Are the fabric loops, curtain trim and the vinyl itself clean and free of tears or other damage? Is the vinyl top (if present) free of damage?
___	___	3.30 Inspect all curtain lift bars. Do the fingertip trigger mechanisms squeeze and retract properly?
___	___	3.31 Are the plastic lift bar glides at either end of each lift bar present and free of damage?
___	___	3.32 Are the curtain rods at both the top of the curtains and on the vinyl top cover (if one is present) intact and unbent? Are the plastic end pieces present and unbroken?
___	___	3.33 Check the stop rings that hold the curtains up to be sure they are tight and secure.
___	___	3.34 If a vinyl top cover is installed, are all 4 hitch pins to secure the cover present?
___	___	3.35 Raise and lower all curtain lift bars to be sure they operate in a smooth, easy manner.



PREVENTATIVE MAINTENANCE GUIDE FOR ELECTRIC HOSPITAL CRIBS

4.0 Performance Testing

Staff Control and Linear Actuators

Plug the crib into an electrical outlet if unplugged. If the crib is not equipped with the optional battery backup, press and hold both the up and down buttons for the Hi-Lo simultaneously and hold until the flashing lights on the staff control panel go out.

YES NO

___ ___ 4.1 Is the control panel lit showing it is getting power?

___ ___ 4.2 Press the head up/down buttons allowing the head to travel to the top of its range prior to pressing the down button. Is it functioning correctly and getting full range of motion?

___ ___ 4.3 Press the foot up/down buttons allowing the foot/knee section to travel to the top of its range prior to pressing the down button. Is it functioning correctly and getting full range of motion?

___ ___ 4.4 Press the Hi-Lo up/down buttons allowing the mattress platform to travel to the top of its range prior to pressing the down button. Is it functioning correctly and getting full range of motion?

___ ___ 4.5 If your crib is equipped with the optional battery backup, is the indicator light on the staff control showing the charge remaining in the battery?

___ ___ 4.6 If your crib is equipped with an optional under crib light(s), when the button on the staff control is pressed to turn the light(s) on, do they function correctly?

Scale Control if present

___ ___ 4.7 Does the scale power up and display the current weight (which may be zero)?

___ ___ 4.8 When a **certified** 10kg weight is placed on the crib, does the scale appear to weigh correctly? *Note- this is the only unit of measure that can be used to calibrate or test a scale.*

Inspection completed by _____ Date of Inspection _____

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Five (5) year warranty

HARD Manufacturing will replace at no cost to the purchaser any non-expendable component such as the head and foot end assemblies, side assemblies or mattress platform found to have a defect in materials or workmanship within five (5) years from the date of purchase at our discretion.

One (1) year warranty

HARD Manufacturing will replace at no cost to the purchaser any expendable component such as, but not limited to, mattresses, trigger assemblies, slide rods or slide rod components, crank handles, Johns Hopkins handles, battery backup units, vinyl curtains, curtain rods, or IV components found to have a defect in materials or workmanship within one (1) year from the date of purchase at our discretion.

Electrical Components

HARD Manufacturing will replace at no cost to the purchaser any actuator, staff control, scale control or control box or found to be defective within two (2) years from the date of purchase.

Terms and Conditions of the Warranty Period

The warranty covers normal use of our cribs or youth beds. It does not cover damage or defects that occur due to any of the following:

1. Abuse, misuse, mishandling and excessive wear by staff, patients or parents/caregivers.
2. Modifications of the equipment including the electrical equipment. The covers should never be removed on the motors, transformers, control boxes, scale controls or staff controls. Doing any type of modification to our cribs or youth beds will void the warranty.

Replacement of any part under warranty is contingent upon the following:

1. The customer is to provide the serial number of the crib or bed as well as the serial number of the defective or damaged part(s) if one exists. If the part is a mattress, the customer must supply the serial number of the mattress as well as photos of both tags on the mattress.
2. The customer is to provide photos of the defective or damaged part.
3. The customer must, if requested by HARD Manufacturing, return the defective or damaged item for inspection prepaid within 30 days of reporting the issue.

Return Policy

Acceptance of returns on all new and unused equipment and parts is at the discretion of HARD Manufacturing. The purchaser will be responsible for a restocking fee and the freight costs associated with returning the equipment or item.

Maintenance

Placing cribs and youth beds in cart washers and/or the use of steam spray guns for disinfecting is not recommended. Use a non-abrasive cleaning solution such as a mild detergent and thoroughly dry all components of crib or bed prior to replacing the mattress on the unit. Solvents containing alcohol, ammonia or other abrasives should be avoided. Failure to follow the suggested cleaning/drying instructions could lead to premature corrosion and require replacement of the mattress.

Expected Service Life of HARD Manufacturing Cribs or Beds is 9 years.

