



Hill rom century bed manual

The Centuris[™] bed's numerous features and ergonomic design help provide safer patient mobility and caregivers The stability and caregivers The stability and caregivers and ergonomic design help provide safer patients and caregivers and ergonomic design help provide safer patients and caregivers and ergonomic design help provide safer patients and caregivers and ergonomic design help provide safer patients and caregivers and ergonomic design help provide safer patients and caregivers and ergonomic design help provide safer patients and caregivers and ergonomic design help provide safer patients and caregivers and ergonomic design help provide safer patients and caregivers and ergonomic design help provide safer patients and caregivers and ergonomic design help provide safer patients and caregivers and ergonomic design help provide safer patients and caregivers and ergonomic design help provide safer patients and caregivers and ergonomic design help provide safer patients and ergonomic design help prov ergonomic design of the Centuris bed's split side rails facilitate safer bed entry and exit. The side rails feature a smooth and fast self-lowering mechanism with dampening system that can be set in motion with one hand for accessing patients instantly Easy-to-Grip Side Rails help the patients to turn, reposition themselves or egress the bed, safely and with less assistance. Intuitive controls require minimal in-service staff training and patient education Easy-to-read angle indicators help improve care protocol compliance Rigorous testing at each stage of the bed development to meet Hillrom ® standards. Page 1 SERVICE MANUAL Century ** errata From Hill-Rom man241-e1 Product No. P1400 For Parts Or Technical Assistance man241 USA (800) 445-3720 Canada (800) 267-2337 International: Contact your distributor. Page 2 Century Med Service Manual Revisions Revision Letter Pages Affected Date Original Issue April, 1999 man241 Century Med Service Manual (man241) Page i... Page 3 Velcro® is a registered trademark of Velcro Industries, BV (a Dutch corporation). The information contained in this manual is subject to change without notice. Hill-Rom makes no commitment to update or keep current, the information contained in this manual. Page ii... Page 4 Revisions The only product warranty intended by Hill-Rom is the express, written warranty accompanying the bill of Introduction Purpose This manual provides requirements for the Century+¹¹ Bed normal operation and maintenance. It also includes parts lists (in chapter 5) for ordering replacement components. Audience This manual is intended for use by only facility-authorized maintenance personnel. Organization Chapter 1: Introduction Chapter 5: Parts List This chapter contains the warranty, part-ordering procedures are described in this chapter 7: Accessories A list of additional products, that can be used in conjunction with the Century+*... Typographical Conventions Chapter 1: Introduction Typographical Conventions This manual contains different typefaces and icons designed to improve readability and increase understanding of its content. Note the following examples: • Standard text—used for regular information. • Boldface text—emphasizes a word or phrase. •... Introduction Overview This manual provides the information required for normal operation and maintenance of the Century+[™] ... Page 22 Introduction Figure 1-6. Hilow Positions Before operating the Century+[™] ... Page 22 Introduction Chapter 1: Introduction Figure 1-6. Hilow Positions m241_009 Century+TM Bed Service Manual (man241) Page 1 - 9... Page 23 Introduction Chapter 1: Introduction Figure 1-7. Trendelenburg/Reverse Trendelenbu Century + M Bed Service Manual (man241) Page 1 - 11... Specifications Chapter 1: Introduction Specifications Physical Description See table 1-1 on page 1-12 for Century + M Bed specifications. Table 1-1. Specifications Feature Dimension Height in high position—floor to sleep deck 30 1/4" (76.8 cm) Height in low position—floor to sleep deck 17 3/4"... Specifications Chapter 1: Introduction Knee Section Inclination The bed is mechanized so that the occupant can raise or lower the knee section by touching the switch is released, and will stop once the switch is released. Specifications Chapter 1: Introduction The foot pedals are located in convenient, accessible locations, and are clearly identified to distinguish between the braking and steering. Trendelenburg/Reverse Trendelenburg When activated, the bed can be positioned in Trendelenburg or Reverse Trendelenburg. These functions are available only at the attendant control console. Specifications Chapter 1: Introduction Bed Frames The mattress is supported by a steel frame that is 36" x 82" (91 cm x 208 cm), and is covered with four 16 gauge formed steel panels. The panels have molded edges for safety. The frame has restraint attachment slots, drainage bag holders, and mattress stops. Specifications Chapter 1: Introduction Regulations, Standards, and Codes UL Classification • Class grounded equipment per UL 544 • CSA risk class 2G per CA per CSA 22.2 Page 1 - 16 Century+** Bed model Identification Chapter 1: Introduction Model Identification See table 1-2 on page 1-17 for Century+** Bed model identification. Table 1-2. Model Identification Model Number Description P1400 Century+[™] Bed Century+[™] Bed Service Manual (man241) Page 1 - 17... WARNING: Powered bed mechanisms can cause serious injury. Operate the bed only with persons clear of mechanisms. The Century+[™] Bed by Hill-Rom has independent motors that operate the following features: • Bed height adjustment—hilow motor • Foot section adjustment—foot motor •... General Operation Chapter 1: Introduction The CPR release handle and pulling out on the handle. Continue to pull out on the CPR release to lower the head section. Battery Backup The battery backup allows all the motor functions of the bed to operate without external power. Manual Operation Head function using a Hill-Rom P2217 IV rod (A) as a crank (see figure 1-9 on page 1-20). Access the head drive screw assembly (B) from the head end of the bed. Page 34 General Operation Chapter 1: Introduction 4. Turn the IV rod clockwise or counterclockwise to raise or lower the head function as desired. WARNING: Remove the IV rod before plugging the bed into its power source. Failure to do so could result in personal injury or equipment damage. 5. General Operation Chapter 1: Introduction Head Function—Manual Operation for Beds with CPR Release You can raise or lower the head section using the CPR release button (A), and pull out on the handle (B) (see figure 1-10 on page 1-22). Chapter 1: Introduction Hilow Function—Manual Operation You can raise or lower the head section using the CPR release button (A), and pull out on the handle (B) (see figure 1-10 on page 1-22). Chapter 1: Introduction Hilow Function—Manual Operation You can raise or lower the bed using the Hill-Rom P2217 IV rod (A) as a crank (see figure 1-12 on page 1-23). Access the knee drive (B) through the hole drive (B) through th in the back of the knee motor from the foot end of the bed. Page 38 General Operation Chapter 1: Introduction 2. Disconnect the knee drive motor. 3. Extend the IV rod, and insert the lower end through the foot end of the bed and into the hole in the knee drive motor casing. 4. Turn the IV rod clockwise or counterclockwise to raise or lower the knee function as desired. Siderails Hill-Rom has traditionally recommended, the siderails should be in a straight up and locked position. However, a facility should makes its own determination concerning the appropriate use of the siderails. Safety Tips Chapter 1: Introduction gently to ensure that they are locked. When applicable, put the casters in the steer mode when moving the bed. This will make the bed much easier to move. Fluids When massive spills occur in the area of the circuit board and motors, immediately perform the following: 1. Page 41 Safety Tips Chapter 1: Introduction WARNING: Unplug the bed from its power source, and disconnect the motor before inserting the IV rod for manual operation. Failure to do so could result in personal injury or equipment damage. WARNING: Place bed stands under the upper lift arms before working under the bed. Page 42 Safety Tips Chapter 1: Introduction WARNING: Adhere to the "Infection Control Policies and Procedures" outlined in the Safety Coordinator Reference Guide . Failure to do so could result in the spread of infection. WARNING: Only facility-authorized maintenance on the Century+11. Page 43 Safety Tips Chapter 1: Introduction CAUTION: Do not use silicone-based lubricants. Equipment damage could occur. CAUTION: Ensure that your hands are clean, and only handle the P.C. boards by their edges to prevent components. Failure to do so could result in component damage. Warning and Caution Labels Chapter 1: Introduction Warning and Caution Labels Figure 1-13. Warning and Caution Labels m241_015 Century+[™] Bed Service Manual (man241) Page 1 - 32 Century+[™] Bed Service Manual (man241) Page 45 Warning and Caution Labels Chapter 1: Introduction NOTES: Page 1 - 32 Century+[™] Bed Service Manual (man241) Page 45 Warning and Caution Labels m241_015 Century+[™] Bed Service Manual (man241) Page 45 Warning and Caution Labels Chapter 1: Introduction NOTES: Page 1 - 32 Century+[™] Bed Service Manual (man241) Page 45 Warning and Caution Labels m241_015 Century+[™] Bed Service Manual (man241) Page 45 Warning and Caution Labels m241_015 Century+[™] Bed Service Manual (man241) Page 45 Warning and Caution Labels m241_015 Century+[™] Bed Service Manual (man241) Page 45 Warning and Caution Labels m241_015 Century+[™] Bed Service Manual (man241) Page 45 Warning and Caution Labels m241_015 Century+[™] Bed Service Manual (man241) Page 45 Warning and Caution Labels m241_015 Century+[™] Bed Service Manual (man241) Page 45 Warning and Caution Labels m241_015 Century+[™] Bed Service Manual (man241) Page 45 Warning and Caution Labels m241_015 Century+[™] Bed Service Manual (man241) Page 45 Warning and Caution Labels m241_015 Century+[™] Bed Service Manual (man241) Page 45 Warning and Caution Labels m241_015 Century+[™] Bed Service Manual (man241) Page 45 Warning and Caution Labels m241_015 Century+[™] Bed Service Manual (man241) Page 45 Warning and Caution Labels m241_015 Century+[™] Bed Service Manual (man241) Page 45 Warning and Caution Labels m241_015 Century+[™] Bed Service Manual (man241) Page 45 Warning and Caution Labels m241_015 Century+[™] Bed Service Manual (man241) Page 45 Warning and Caution Labels m241_015 Century+[™] Bed Service Manual (man241) Page 45 Warning and Caution Labels m241_015 Century+[™] Bed Service Manual (man241) Page 45 Warning and Caution Labels m241_015 Century+[™] Bed Service Manual (man241) Page 45 Warning and Caution Labels m241_015 Century+[™] Bed Service Manual (man241) Page 45 Warning and Caution Labels m241_015 Century+[™] Bed Servic Equipment . Chapter 2: Troubleshooting Procedures NOTES: Page 2 - 2 Century+¹¹ Bed Service Manual (man241) Perform the Final Actions after the problem, call Hill-Rom Technical Support at (800) 445-3720 for assistance. These troubleshooting techniques will help you locate operational problems on the Century+[™]... Getting Started Chapter 2: Troubleshooting Procedures WARNING: Refer to your VOM. Failure to do so could result in personal injury or equipment damage. Electrical Functions Figure 2-1 on page 2-4 represents a common digital VOM. The three basic electrical functions that you will test are alternating current (AC), direct current (DC), and ohms/resistance. Initial Actions Use Initial Actions Use Initial Actions to gather information from operators concerning problems with the Century+[™] Bed. Note symptoms or other information concerning the problem that the operator describes. This information helps identify the probable cause. 1. Page 51 Function So they are no longer at the limit of their movement, as applicable. If this solves the problem, go to "Final Actions' are no longer at the limit of their movement, as applicable. If this solves the problem, go to "Final Actions' are no longer at the limit of their movement, as applicable. If this solves the problem, go to "Final Actions' are no longer at the limit of their movement, as applicable. If this solves the problem, go to "Final Actions' are no longer at the limit of their movement, as applicable. If this solves the problem, go to "Final Actions' are no longer at the limit of their movement, as applicable. If this solves the problem, go to "Final Actions' are no longer at the limit of their movement, as applicable. If this solves the problem, go to "Final Actions' are no longer at the limit of their movement, as applicable. If this solves the problem, go to "Final Actions' are no longer at the limit of their movement, as applicable. If this solves the problem, go to "Final Actions' are no longer at the limit of their movement, as applicable. If this solves the problem, go to "Final Actions' are no longer at the limit of their movement, as applicable. If this solves the problem, go to "Final Actions' are no longer at the limit of their movement, as applicable. If the problem, go to "Final Actions' are no longer at the limit of the problem, go to "Final Actions' are no longer at the limit of the problem, go to "Final Actions' are no longer at the limit of the problem, go to "Final Actions' are no longer at the limit of the problem, go to "Final Actions' are no longer at the limit of the problem, go to "Final Actions' are no longer at the limit of the problem, go to "Final Actions' are no longer at the limit of the problem, go to "Final Actions' are no longer at the limit of the problem, go to "Final Actions' are no longer at the problem, go to "Final A on page 2-7. Otherwise, go to step 5. WARNING: Powered bed mechanisms can cause serious injury. Final Actions Chapter 2: Troubleshooting Procedures 11. Press the bed down switch, and activate the hilow function on the bed. The bed down switch is activated. $\downarrow \rightarrow$ Go to RAP 2.7. 12. With the knee lockout switch on, press the head up switch, and activate the head section up and automatic contour functions. Page 53 Final Actions Chapter 2: Troubleshooting Procedures NOTES: Page 2 - 8 Century+[™] Bed Service Manual (man241) 2.1 None of the Bed Functions Work Chapter 2: Troubleshooting Procedures NOTES: Page 2 - 8 Century+[™] Bed Service Manual (man241) 2.1 None of the Bed Functions Work Chapter 2: Troubleshooting Procedures NOTES: Page 2 - 8 Century+[™] Bed Service Manual (man241) 2.1 None of the Bed Functions Work Chapter 2: Troubleshooting Procedures NOTES: Page 2 - 8 Century+[™] Bed Service Manual (man241) 2.1 None of the Bed Functions Work Chapter 2: Troubleshooting Procedures NOTES: Page 2 - 8 Century+[™] Bed Service Manual (man241) 2.1 None of the Bed Functions Work Chapter 2: Troubleshooting Procedures NOTES: Page 2 - 8 Century+[™] Bed Service Manual (man241) 2.1 None of the Bed Functions Work 1. Ensure the lockouts are in the unlocked position. NOTE: The lockouts and switches can hang up on the bezel if they are not adjusted properly. Page 55 8. Replace the motor, see "Head or Knee Motor" on page 4-18. For the hilow motor, see "Head or Knee Motor" on page 4-18. For the hilow motor, see "Head or Knee Motor" on page 4-18. For the hilow motor, see "Head or Knee Motor" on page 4-18. For the hilow motor, see "Head or Knee Motor" on page 4-18. For the hilow motor, see "Head or Knee Motor" on page 4-18. For the hilow motor, see "Head or Knee Motor" on page 4-18. For the hilow motor, see "Head or Knee Motor" on page 4-18. For the hilow motor, see "Head or Knee Motor" on page 4-18. For the hilow motor, see "Head or Knee Motor" on page 4-18. For the hilow motor, see "Head or Knee Motor" on page 4-18. For the hilow motor, see "Head or Knee Motor" on page 4-18. For the hilow motor, see "Head or Knee Motor" on page 4-18. For the hilow motor, see "Head or Knee Motor" on page 4-18. For the hilow motor, see "Head or Knee Motor" on page 4-18. For the hilow motor, see "Head or Knee Motor" on page 4-18. For the hilow motor, see "Head or Knee Motor" on page 4-18. For the hilow motor, see "Head or Knee Motor" on page 4-18. For the hilow motor, see "Head or Knee Motor" on page 4-18. For the hilow motor, see "Head or Knee Motor" on page 4-18. For the hilow motor, see "Head or Knee Motor" on page 4-18. For the hilow motor, see "Head or Knee Motor" on page 4-18. For the hilow motor, see "Head or Knee Motor" on page 4-18. For the hilow motor, see "Head or Knee Motor" on page 4-18. For the hilow motor, see "Head or Knee Motor" on page 4-18. For the hilow motor, see "Head or Knee Motor" on page 4-18. For the hilow motor, see "Head or Knee Motor" on page 4-18. For the hilow motor, see "Head or Knee Motor" on page 4-18. For the hilow motor, see "Head or Knee Motor" on page 4-18. For the hilow motor, see "Head or Knee Motor" on page 4-18. For the hilow motor, see "Head or Knee Motor" on page 4-18. For the hilow motor, see "Head or Knee Motor" on page 4-18. For th page 2-7. Page 2 - 10... 2.2 The Head Up Function Does Not Work Chapter 2: Troubleshooting Procedures The Head Up Function Does Not Work 1. The head Up Function Does Not Work 1. The head Up Function Does Not Work Chapter 2: Troubleshooting Procedures d. The voltage is 12V DC (+ 3V). $\downarrow \rightarrow$ Go to step 7. 3. Perform the following: a. Disconnect the power cable to the head motor (B) (see figure 2-3 on page 2-12). Page 58 2.2 The Head Up Function Does Not Work Chapter 2: Troubleshooting Procedures $\downarrow \rightarrow$ Go to step 15. 5. Replace the head motor (B) (see figure 2-3 on page 2-12) (see "Head or Knee"). Motor" on page 4-18). The head up function now works properly. 1... Page 59 2.2 The Head Up Function Does Not Work Chapter 2: Troubleshooting Procedures 1 -> Go to step 27. 12. Check the fuse at the power outlet (common) side in the transformer box (see figure 3-4 on page 3-5). The fuse is good. 1... Page 60 2.2 The Head Up Function Does Not Work Chapter 2: Troubleshooting Procedures 1 -> Go to step 27. 12. Check the fuse at the power outlet (common) side in the transformer box (see figure 3-4 on page 3-5). The fuse is good. 1... Page 60 2.2 The Head Up Function Does Not Work Chapter 2: Troubleshooting Procedures 1 -> Go to step 27. 12. Check the fuse at the power outlet (common) side in the transformer box (see figure 3-4 on page 3-5). Function Does Not Work Chapter 2: Troubleshooting Procedures SHOCK HAZARD: Unplug the bed from its power source. Failure to do so could result in personal injury or equipment damage. a. Unplug the bed from its power source. Failure to do so could result in personal injury or equipment damage. Troubleshooting Procedures e. In the cable (P17 or P18), check the resistance between VCC (common) (pin 7) and the head up function Does Not Work Chapter 2: Troubleshooting Procedures SHOCK HAZARD: Unplug the bed from its power source. Failure to do so could result in personal injury or equipment damage. a. Unplug the bed from its power source. SHOCK HAZARD: Disconnect the battery backup. Page 63 25. The head up function on the bed now works properly. 1 -> Go to step 27. 26. Go to step 27. 27. Call Hill-Rom Technical Support at (800) 445-3720. Page 2 -18 Century+[™] Bed Service Manual (man241) 2.3 The Head Down Function Does Not Work 1. 2: Troubleshooting Procedures d. The voltage is 12V DC (+ 3V). $\downarrow \rightarrow$ Go to step 7. 3. Perform the following: a. Disconnect the power cable to the head motor (B) (see figure 2-5 on page 2-20). Page 66 2.3 The Head Down Function Does Not Work Chapter 2: Troubleshooting Procedures $\downarrow \rightarrow$ Go to step 15. 5. Replace the head motor (B) (see figure 2-5 on page 2-20). Page 66 2.3 The Head Down Function Does Not Work Chapter 2: Troubleshooting Procedures $\downarrow \rightarrow$ Go to step 15. 5. Replace the head motor (B) (see figure 2-5 on page 2-20). page 2-20) (see "Head or Knee Motor" on page 4-18). The head down function now works properly. \downarrow ... Page 67 2.3 The Head Down Function Does Not Work Chapter 2: Troubleshooting Procedures $\downarrow \rightarrow$ Go to step 27. 12. Check the fuse at the power outlet (common) side in the transformer box (see figure 3-4 on page 3-5). The fuse is good. 1... Page 68 2.3 The Head Down Function Does Not Work Chapter 2: Troubleshooting Procedures SHOCK HAZARD: Unplug the bed from its power source. Failure to do so could result in personal injury or equipment damage. a. Unplug the bed from its power source. Failure to do so could result in personal injury or equipment damage. Down Function Does Not Work Chapter 2: Troubleshooting Procedures e. In the cable (P17 or P18), check the resistance between VCC (common) (pin 7) and the head down function (pin 4) (see figure 3-4 on page 3-3, and figure 3-4 on page 3-5). f. Page 70 2.3 The Head Down Function Does Not Work Chapter 2: Troubleshooting Procedures 23. Perform the following SHOCK HAZARD: Unplug the bed from its power source. Failure to do so could result in personal injury or equipment damage. a. Unplug the bed from its power source. SHOCK HAZARD: Disconnect the battery backup. Page 71 25. The head down function on the bed now works properly. $\downarrow \rightarrow$ Go to step 27. 26. Go to "Final Actions" on page 2-7. 27. Call Hill-Rom Technical Support at (800) 445-3720. Page 2 - 26 Century+¹¹ Bed Service Manual (man241) 2.4 The Knee Up Function Does Not Work 1. The knee Up Function does not work when it is activated from either the left siderail or the right siderail. J... Page 73 2.4 The Knee Up Function Does Not Work Chapter 2: Troubleshooting Procedures d. The voltage is 12V DC (+ 3V). $\downarrow \rightarrow$ Go to step 7. 3. Perform the following: a. Disconnect the power cable to the knee motor (B) (see figure 2-7 on page 2-28). Page 74 2.4 The Knee Up Function Does Not Work Chapter 2: Troubleshooting Procedures d. The voltage is 12V DC (+ 3V). Procedures $\downarrow \rightarrow$ Go to step 15. 5. Replace the knee motor (B) (see figure 2-7 on page 2-28) (see "Head or Knee Motor" on page 4-18). The knee up function Does Not Work Chapter 2: Troubleshooting Procedures $\downarrow \rightarrow$ Go to step 13. 11. Go to step 27. 12. Check the fuse at the power outlet (common) side in the transformer box (see figure 3-4 on page 3-5). The fuse is good. 1... Page 76 2.4 The Knee Up Function Does Not Work Chapter 2: Troubleshooting Procedures 19. Perform the following: SHOCK HAZARD: Unplug the bed from its power source. Failure to do so could result in personal injury or equipment damage. a. Unplug the bed from its power source. SHOCK HAZARD: Disconnect the battery backup. Page 77 2.4 The Knee Up Function Does Not Work Chapter 2: Troubleshooting Procedures d. At the test port (P200) (see figure 2-6 on page 2-27), disconnect the cable that connects to the siderail with the inoperative knee up function. e. In the cable (P17 or P18), check the resistance between VCC (common) (pin 7) and the knee up function (pin 5) (see figure 3-1 on page 3-3, and figure 3-4 on page 3-5). Page 78 2.4 The Knee Up Function Does Not Work Chapter 2: Troubleshooting Procedures 23. Perform the following SHOCK HAZARD: Unplug the bed from its power source. Failure to do so could result in personal injury or equipment damage. a. Unplug the bed from its power source. SHOCK HAZARD: Disconnect the battery backup. Page 79 25. The knee up function on the bed now works properly. $\downarrow \rightarrow$ Go to step 27. 26. Go to "Final Actions" on page 2-7. 27. Call Hill-Rom Technical Support at (800) 445-3720. Page 2 - 34 Century+[™] Bed Service Manual (man241) 2.5 The Knee Down Function Does Not Work Chapter 2: Troubleshooting Procedures The Knee Down Function Does Not Work 1. The knee down function Does Not Work 1 voltage is 12V DC (+ 3V). $\downarrow \rightarrow$ Go to step 7. 3. Perform the following: a. Disconnect the power cable to the knee motor (B) (see figure 2-9 on page 2-36). Page 82 2.5 The Knee Down Function Does Not Work Chapter 2: Troubleshooting Procedures $\downarrow \rightarrow$ Go to step 15. 5. Replace the knee motor (B) (see figure 2-9 on page 2-36) (see "Head or Knee"). Motor" on page 4-18). The knee down function now works properly. 1... Page 83 2.5 The Knee Down Function Does Not Work Chapter 2: Troubleshooting Procedures 1 -> Go to step 27. 12. Check the fuse at the power outlet (common) side in the transformer box (see figure 3-4 on page 3-5). The fuse is good. 1... Page 84 2.5 The Knee Down Function Does Not Work Chapter 2: Troubleshooting Procedures 19. Perform the following: SHOCK HAZARD: Unplug the bed from its power source. Failure to do so could result in personal injury or equipment damage. a. Unplug the bed from its power source. Failure to do so could result in personal injury or equipment damage. Function Does Not Work Chapter 2: Troubleshooting Procedures d. At the test port (P200) (see figure 2-8 on page 2-35), disconnect the cable (P17 or P18), check the resistance between VCC (common) (pin 7) and the knee down function (pin 6) (see figure 3-1 on page 3-3, and figure 3-4 on page 3-5). Page 86 2.5 The Knee Down Function Does Not Work Chapter 2: Troubleshooting Procedures function. If this solves the problem, go to step 27. 23. Perform the following SHOCK HAZARD: Unplug the bed from its power source. Failure to do so could result in personal injury or equipment damage. Page 87 25. The knee down function on the bed now works properly. $\downarrow \rightarrow$ Go to step 27. 26. Go to "Final Actions" on page 2-7. 27. Call Hill-Rom Technical Support at (800) 445-3720. Page 2 - 42 Century+[™] Bed Service Manual (man241) 2.6 The Bed Up Function Does Not Work Chapter 2: Troubleshooting Procedures The Bed Up Function Does Not Work 1. The bed up function does not work when it is activated from either the left siderail or the right siderail. \downarrow ... Page 89 2.6 The Bed Up Function Does Not Work Chapter 2: Troubleshooting Procedures Figure 2-10. P200 Location m241_111 c. Activate the bed up switch. d. The voltage is 12V DC (+ 3V). $\downarrow \rightarrow$ Go to step 11. 7. Perform the following: a. Page 90 2.6 The Bed Up Function Does Not Work Chapter 2: Troubleshooting Procedures Figure 2-11. Hilow Motor Location m241 116 b. Set your VOM to measure volts DC. SHOCK HAZARD: Use extreme care when checking live voltage. Do not touch live terminals, wires, or ground. Failure to use caution could result in serious electrical shock injury. Page 91 2.6 The Bed Up Function Does Not Work Chapter 2: Troubleshooting Procedures 10. Go to "Final Actions" on page 2-7. 11. Perform the following: a. Set your VOM to read volts AC. SHOCK HAZARD: Use extreme care when checking live voltage. Do not touch live terminals, wires, or ground. Page 92 2.6 The Bed Up Function Does Not Work Chapter 2: Troubleshooting Procedures $\downarrow \rightarrow$ Replace the fuse. If this solves the problem, go to step 17. 17. Check the fuse at the inlet power (primary side) (see figure 3-4 on page 3-5). Page 93 2.6 The Bed Up Function Does Not Work Chapter 2: Troubleshooting Procedures $\downarrow \rightarrow$ Replace the fuse. If this solves the problem, go to step 17. 17. Check the fuse at the inlet power (primary side) (see figure 3-4 on page 3-5). Page 93 2.6 The Bed Up Function Does Not Work Chapter 2: Troubleshooting Procedures $\downarrow \rightarrow$ Replace the fuse. If this solves the problem, go to step 17. 17. Check the fuse at the inlet power (primary side) (see figure 3-4 on page 3-5). Page 93 2.6 The Bed Up Function Does Not Work Chapter 2: Troubleshooting Procedures $\downarrow \rightarrow$ Replace the fuse. If this solves the problem, go to step 17. 17. Check the fuse at the inlet power (primary side) (see figure 3-4 on page 3-5). Page 93 2.6 The Bed Up Function Does Not Work Chapter 2: Troubleshooting Procedures $\downarrow \rightarrow$ Replace the fuse. If this solves the problem, go to step 17. 17. Check the fuse at the inlet power (primary side) (see figure 3-4 on page 3-5). Page 93 2.6 The Bed Up Function Does Not Work Chapter 2: Troubleshooting Procedures $\downarrow \rightarrow$ Replace the fuse at the inlet power (primary side) (see figure 3-4 on page 3-5). Page 93 2.6 The Bed Up Function Does Not Work Chapter 2: Troubleshooting Procedures $\downarrow \rightarrow$ Replace the fuse at the inlet power (primary side) (see figure 3-4 on page 3-5). Page 93 2.6 The Bed Up Function Does Not Work Chapter 2: Troubleshooting Procedures $\downarrow \rightarrow$ Replace the fuse at the inlet power (primary side) (see figure 3-4 on page 3-5). Page 93 2.6 The Bed Up Function Does Not Work Chapter 2: Troubleshooting Procedures $\downarrow \rightarrow$ Replace the fuse at the inlet power (primary side) (see figure 3-4 on page 3-5). Page 93 2.6 The Bed Up Function Does Not Work Chapter 2: Troubleshooting Procedures $\downarrow \rightarrow$ Replace the fuse at the inlet power (primary side) (see figure 3-4 on page 3-5). Page 93 2.6 The Bed Up Function Does Procedures a. Unplug the bed from its power source. SHOCK HAZARD: Disconnect the battery backup Box" on page 4-8). Page 94 2.6 The Bed Up Function Does Not Work Chapter 2: Troubleshooting Procedures g. The VOM reads 100Ω or less. ↓ → Go to step 27. 25. Replace the test port. If this solves the problem, go to "Final Actions" on page 2-7. Page 95 2.6 The Bed Up Function Does Not Work Chapter 2: Troubleshooting Procedures a. Unplug the bed from its power source. SHOCK HAZARD: Disconnect the battery backup. Failure to do so could result in personal injury or equipment damage. b. If applicable, disconnect the battery backup (see "Battery Backup Box" on page 4-8). Page 96 29. The bed up function on the bed now works properly. $\downarrow \rightarrow$ Go to step 31. 30. Go to "Final Actions" on page 2-7. 31. Call Hill-Rom Technical Support at (800) 445-3720. Century+[™] Bed Service Manual (man241) Page 2 - 51... 2.7 The Bed Down Function Does Not Work 1. The bed down function Does Not Work Chapter 2: Troubleshooting Procedures Figure 2-12. P200 Location m241 111 c. Activate the bed down switch. d. The voltage is 12V DC (+ 3V). $\downarrow \rightarrow$ Go to step 11. 7. Perform the following: a. Page 99 2.7 The Bed Down Function Does Not Work Chapter 2: Troubleshooting Procedures Figure 2-13. Hilow Motor Location m241 116 b. Set your VOM to measure volts DC. SHOCK HAZARD: Use extreme care when checking live voltage. Do not touch live terminals, wires, or ground. Failure to use caution could result in serious electrical shock injury. Page 100 2.7 The Bed Down Function Does Not Work Chapter 2: Troubleshooting Procedures 10. Go to "Final Actions" on page 2-7. 11. Perform the following: a. Set your VOM to read volts AC SHOCK HAZARD: Use extreme care when checking live voltage. Do not touch live terminals, wires, or ground. Page 101 2.7 The Bed Down Function Does Not Work Chapter 2: Troubleshooting Procedures $\downarrow \rightarrow$ Replace the fuse. If this solves the problem, go to "Final Actions" on page 2-7. Otherwise, go to step 17. 17. Check the fuse at the inlet power (primary side) (see figure 3-4 on page 3-5). Page 102 2.7 The Bed Down Function Does Not Work Chapter 2: Troubleshooting Procedures a. Unplug the bed from its power source. SHOCK HAZARD: Disconnect the battery backup (see "Battery Backup Box" on page 4-8). Page 103 2.7 The Bed Down Function Does Not Work Chapter 2: Troubleshooting Procedures f. While holding the VOM reads 1000 or less. $\downarrow \rightarrow$ Go to step 27. 25. Replace the test port. If this solves the problem, go to "Final Actions" on page 2-7. Page 104 2.7 The Bed Down Function Does Not Work Chapter 2: Troubleshooting Procedures SHOCK HAZARD: Unplug the bed from its power source. Failure to do so could result in personal injury or equipment damage. a. Unplug the bed from its power source. now works properly. $\downarrow \rightarrow$ Go to step 31. 30. Go to "Final Actions" on page 2-7. 31. Call Hill-Rom Technical Support at (800) 445-3720. 5. Go to "Final Actions" on page 2-7. Century+¹¹ Bed Service Manual (man241) Page 2 - 61... "Final Actions" on page 2-7. Otherwise, continue to step 4. 4. The function is now working normally. $\downarrow \rightarrow$ Call Hill-Rom Technical Support at (800) 445-3720. 5. Go to "Final Actions" on page 2-7. Century+¹¹ Bed Service Manual (man241) 2.10 The Trendelenburg or Reverse Trendelenburg Function Does Not Work Chapter 2: Troubleshooting Procedures 2.10 The Trendelenburg or Reverse Trendelenburg rods, (see figure 2-14 on page 2-63). Page 109 2.10 The Trendelenburg or Reverse T Trendelenburg or Reverse Trendelenburg function now operates normally. ↓ → Go to step 14. 13. Go to "Final Actions" on page 2-7. 14. Call Hill-Rom Technical Support at (800) 445-3720. Century+[™] Bed Service Manual (man241) Page 2 - 65... 2.11 The Siderail Is Hard to Rotate Up or Down Chapter 2: Troubleshooting Procedures 2.11 The Siderail Is Hard to Rotate Up or Down 1. Raise the head section or foot section to its highest position. WARNING: Place bed stands under the upper lift arm pivots or 2 x 4s between the frame and lift arms before working under the bed. Page 112 6. Raise the siderail to the up position, and apply grease to the grease ports (A) (see figure 2-16 on page 2-67). The siderail is now fully functional. $\downarrow \rightarrow$ Call Hill-Rom Technical Support at (800) 445-3720. 7. Go to "Final Actions" on page 2-7. Figure 2-16. Siderail Lubrication m241 057 Century+[™]... Page 113 2.11 The Siderail Is Hard to Rotate Up or Down Chapter 2: Troubleshooting Procedures NOTES: Page 2 - 68 Century+¹¹⁴ Bed Service Manual (man241) Page 114 Chapter 3: Theory of Operation NOTES: Page 3 - 2 Century+¹¹⁴ Bed Service Manual (man241) Electrical System Chapter 3: Theory of Operation NOTES: Page 2 - 68 Century+¹¹⁴ Bed Service Manual (man241) Page 114 Chapter 3: Theory of Operation NOTES: Page 3 - 2 Century+¹¹⁴ Bed Service Manual (man241) Electrical System Chapter 3: Theory of Operation NOTES: Page 2 - 68 Century+¹¹⁴ Bed Service Manual (man241) Electrical System Chapter 3: Theory of Operation NOTES: Page 3 - 2 Century+¹¹⁴ Bed Service Manual (man241) Electrical System Chapter 3: Theory of Operation NOTES: Page 3 - 2 Century+¹¹⁴ Bed Service Manual (man241) Electrical System Chapter 3: Theory of Operation NOTES: Page 3 - 2 Century+¹¹⁴ Bed Service Manual (man241) Electrical System Chapter 3: Theory of Operation NOTES: Page 3 - 2 Century+¹¹⁴ Bed Service Manual (man241) Electrical System Chapter 3: Theory of Operation NOTES: Page 3 - 2 Century+¹¹⁴ Bed Service Manual (man241) Electrical System Chapter 3: Theory of Operation NOTES: Page 3 - 2 Century+¹¹⁴ Bed Service Manual (man241) Electrical System Chapter 3: Theory of Operation NOTES: Page 3 - 2 Century+¹¹⁴ Bed Service Manual (man241) Electrical System Chapter 3: Theory of Operation NOTES: Page 3 - 2 Century+¹¹⁴ Bed Service Manual (man241) Electrical System Chapter 3: Theory of Operation NOTES: Page 3 - 2 Century+¹¹⁴ Bed Service Manual (man241) Electrical System Chapter 3: Theory of Operation NOTES: Page 3 - 2 Century+¹¹⁴ Bed Service Manual (man241) Electrical System Chapter 3: Theory of Operation NOTES: Page 3 - 2 Century+¹¹⁴ Bed Service Manual (man241) Electrical System Chapter 3: Theory of Operation NOTES: Page 3 - 2 Century+¹¹⁴ Bed Service Manual (man241) Electrical System Chapter 3: Theory of Operation NOTES: Page 3 - 2 Century+¹¹⁴ Bed Service Manual (man241) Electrical System Chapter 3: Theory of Operation NOTES: Page 3 - 2 Century+¹¹⁴ Bed Service Manaal (man241) E Operation Electrical System Figure 3-1. Test Port Cable Assembly Schematic m241 030 Century+ Med Service Manual (man241) Page 3 - 3... Page 117 Electrical System Chapter 3: Theory of Operation Figure 3-2. P.C. Board Wiring Diagram— Siderail Interface Board P/N 44578 m241 035 Figure 3-3. SideCom @ Communication System Siderail Bed Control Keys Schematic m241_084 Page 3 - 4 Century+TM Bed Service Manual. Figure 3-5. Bed Exit II General Schematic Refer to fold-out FO 3-2 at the rear of this manual. Century+TM ... Page 119 Electrical System Chapter 3: Theory of Operation Figure 3-6. Control Board Schematic Refer to fold-out FO 3-3 at the rear of this manual. Figure 3-7. P.C. Board Wiring Diagram—Night Light Board P/N 43200-01 Refer to fold-out FO 3-3 at the rear of this manual. Figure 3-8. P.C. Board Wiring Diagram Label—Battery Backup m241_140 Theory of Operation Electrical components, such as isolation transformers, are required to make this bed meet applicable electrical codes. Theory of Operation Chapter 3: Theory of Operation Motors There are three individual motors to power the separate functions of the bed. These motors have the following specifications: • 6 A • 1/15 hp • Permanently lubricated • Overload protected with reset thermal •... Page 122 Theory of Operation Knee The knee lift patient controls are readily visible to the patient and likewise identified by symbols. They contain a separate momentary type switch for the up and down positioning of the knees. The patient can raise the knees are to the circuit board location diagram (see figure 3-9 on page 3-10). Table 3-1. Circuit Board Locations... A copy of the theory of operation for the Century + 1st Board Location... A copy of the theory of operation for the Century + 1st Board Location... A copy of the theory of operation for the Century + 1st Board Location for the Century + 1st Boa ordering. Century+¹¹ Bed Service Manual (man241) Page 125 Theory of Operation Chapter 3: Theory of Operation NOTES: Page 3 - 12 Century+¹¹ Bed Service Manual (man241) Page 125 Theory of Operation NOTES: Page 3 - 12 Century+¹¹ Bed Service Manual (man241) Page 125 Theory of Operation NOTES: Page 3 - 12 Century+¹¹ Bed Service Manual (man241) Page 125 Theory of Operation NOTES: Page 3 - 12 Century+¹¹ Bed Service Manual (man241) Page 125 Theory of Operation NOTES: Page 3 - 12 Century+¹¹ Bed Service Manual (man241) Page 125 Theory of Operation NOTES: Page 3 - 12 Century+¹¹ Bed Service Manual (man241) Page 125 Theory of Operation NOTES: Page 3 - 12 Century+¹¹ Bed Service Manual (man241) Page 125 Theory of Operation NOTES: Page 3 - 12 Century+¹¹ Bed Service Manual (man241) Page 125 Theory of Operation NOTES: Page 3 - 12 Century+¹¹ Bed Service Manual (man241) Page 125 Theory of Operation NOTES: Page 3 - 12 Century+¹¹ Bed Service Manual (man241) Page 125 Theory of Operation NOTES: Page 3 - 12 Century+¹¹ Bed Service Manual (man241) Page 125 Theory of Operation NOTES: Page 3 - 12 Century+¹¹ Bed Service Manual (man241) Page 125 Theory of Operation NOTES: Page 3 - 12 Century+¹¹ Bed Service Manual (man241) Page 125 Theory of Operation NOTES: Page 3 - 12 Century+¹¹ Bed Service Manual (man241) Page 125 Theory of Operation NOTES: Page 3 - 12 Century+¹¹ Bed Service Manual (man241) Page 125 Theory of Operation NOTES: Page 3 - 12 Century+¹¹ Bed Service Manual (man241) Page 125 Theory of Operation NOTES: Page 3 - 12 Century+¹¹ Bed Service Manual (man241) Page 125 Theory of Operation NOTES: Page 3 - 12 Century+¹¹ Bed Service Manual (man241) Page 125 Theory of Operation NOTES: Page 3 - 12 Century+¹¹ Bed Service Manual (man241) Page 125 Theory of Operation NOTES: Page 3 - 12 Century+¹¹ Bed Service Manual (man241) Page 125 Theory of Operation NOTES: Page 3 - 12 Century+¹¹ Bed Service Manual (man241) Page 3 - 12 Century+¹¹ Bed Service Manual (man241) Page 3 - 12 Century+¹¹ Bed 3 - 12 Centur Replacement, and Adjustment Procedures Removal, Replacement, and Replacement, Removal, Remov Chapter 4: Removal, Replacement, and Adjustment Procedures Control Board Tools required: Phillips head screwdriver Removal SHOCK HAZARD: Unplug the bed from its power source. Failure to do so could result in personal injury or equipment damage. 1. Unplug the bed from its power source. SHOCK HAZARD: Disconnect the battery backup. 4.1 Control Board Chapter 4: Removal, Replacement, and Adjustment Procedures Figure 4-1. Control Board m241_073 6. Lift the control board box cover (B) up, and slide it off the retainers. 7. Remove the connectors (C) from the control board (D). 8. 4.1 Control Board Chapter 4: Removal, Replacement, and Adjustment Procedures 6. Tighten the screws after completing the adjustment. 7. If applicable, connect the battery Backup Box " on page 4-8). 8. Untie the foot section of the sleep surface, and carefully lower it back down. 4.2 Battery Backup Box Chapter 4: Removal, Replacement, and Adjustment Procedures Battery Backup Box Tools required: T25 Torx® head screwdriver Wire cutters Removal 1. Using the bed up button, raise the bed to its full up position. 2. Using the knee up button, raise the knee up button, raise the knee up button, raise the knee section to its highest position. SHOCK HAZARD: Unplug the bed from its power source. Page 134 4.2 Battery Backup Box Chapter 4: Removal, Replacement, and Adjustment Procedures Figure 4-2. Battery Backup Box m241_141 Century+TM Bed Service Manual (man241) Page 4 - 9... 4.2 Battery Backup Box Chapter 4: Removal, Replacement, and Adjustment Procedures 8. Using the T25 Torx[®] head screwdriver, loosen and remove the screws (E) and lockwashers (F). 4.2 Battery Backup Box Chapter 4: Removal, Replacement, and Adjustment Procedures WARNING: Powered bed mechanisms can cause serious injury. Operate the bed functions to ensure they are working properly. NOTE: Leave the bed functions to ensure for at least 24 hours before using the battery Backup Circuit Board Colors required: T25 Torx® head screwdriver #2 Phillips head screwdriver Removal 1. Using the bed up button, raise the bed to its full up position. 2. Page 138 4.3 Battery Backup Circuit Board Chapter 4: Removal, Replacement, and Adjustment Procedures Figure 4-3. Battery Backup Circuit Board m241_144 Century+[™] Bed Service Manual (man241) Page 4 - 13... 4.3 Battery Backup Circuit Board m241_144 Century+[™] Bed Service Manual (man241) Page 4 - 13... 4.3 Battery Backup Circuit Board m241_144 Century+[™] Bed Service Manual (man241) Page 4 - 13... 4.3 Battery Backup Circuit Board m241_144 Century+[™] Bed Service Manual (man241) Page 4 - 13... 4.3 Battery Backup Circuit Board m241_144 Century+[™] Bed Service Manual (man241) Page 4 - 13... 4.3 Battery Backup Circuit Board m241_144 Century+[™] Bed Service Manual (man241) Page 4 - 13... 4.3 Battery Backup Circuit Board m241_144 Century+[™] Bed Service Manual (man241) Page 4 - 13... 4.3 Battery Backup Circuit Board m241_144 Century+[™] Bed Service Manual (man241) Page 4 - 13... 4.3 Battery Backup Circuit Board m241_144 Century+[™] Bed Service Manual (man241) Page 4 - 13... 4.3 Battery Backup Circuit Board m241_144 Century+[™] Bed Service Manual (man241) Page 4 - 13... 4.3 Battery Backup Circuit Board m241_144 Century+[™] Bed Service Manual (man241) Page 4 - 13... 4.3 Battery Backup Circuit Board m241_144 Century+[™] Bed Service Manual (man241) Page 4 - 13... 4.3 Battery Backup Circuit Board m241_144 Century+[™] Bed Service Manual (man241) Page 4 - 13... 4.3 Battery Backup Circuit Board m241_144 Century+[™] Bed Service Manual (man241) Page 4 - 13... 4.3 Battery Backup Circuit Board m241_144 Century+[™] Bed Service Manual (man241) Page 4 - 13... 4.3 Battery Backup Circuit Board m241_144 Century+[™] Bed Service Manual (man241) Page 4 - 13... 4.3 Battery Backup Circuit Board m241_144 Century+[™] Bed Service Manual (man241) Page 4 - 13... 4.3 Battery Backup Circuit Board m241_144 Century+[™] Bac power cord (F) from the circuit board (H). 10. Using the phillips head screwdriver, remove the screw (G) and separate the circuit board (H) from the battery Backup Cells Tools required: T25 Torx[®] head screwdriver Removal 1. Using the bed up button, raise the bed to its full up position. 2. Using the knee up button, raise the knee section to its highest position. SHOCK HAZARD: Unplug the bed from its power source. Page 141 4.4 Battery Backup Cells m241_143 Page 4 - 16 Century+11 Bed Service Manual (man241) 4.4 Battery Backup Cells (F), and disconnect the battery cables (F), and disconnect (F), and Replacement, and Adjustment Procedures Head or Knee Motor Tools required: 1/2" socket and ratchet T25 Torx® head screwdriver Removal WARNING: Powered bed mechanisms. 1. Page 144 4.5 Head or Knee Motor Chapter 4: Removal, Replacement, and Adjustment Procedures SHOCK HAZARD: Disconnect the battery backup. Failure to do so could result in personal injury or equipment damage. 7. If applicable, disconnect the battery backup Box" on page 4-8). 4.5 Head or Knee Motor Chapter 4: Removal, Replacement, and Adjustment Procedures 9. Using the T25 Torx® head screwdriver, remove the screw (E) that secures the ground strap. 10. Using the 1/2" socket and ratchet, remove the two bolts (D), and separate the head or Knee Drive Screw Chapter 4: Removal, Replacement, and Adjustment Procedures Head or Knee Drive Screw Tools required: Needle nose pliers Removal SHOCK HAZARD: Unplug the bed from its power source. Failure to do so could result in personal injury or equipment damage. 4.6 Head or Knee Drive Screw m241_127 5. Using the needle nose pliers, remove the cotter pin (D) from the end of the drive screw. 6. Remove the clevis pin (E) from the end of the head drive screw (A) or knee drive screw (B), and remove the drive screw to the bed frame with the two hairpins (C). 4. Install the head or knee drive screw (B), and remove the drive screw to the bed frame with the two hairpins (C). motor, as applicable (see "Head or Knee Motor" on page 4-18). 4.7 Hilow Motor Chapter 4: Removal, Replacement, and Adjustment Procedures Hilow Motor Tools required: 7/16" socket and ratchet T25 Torx® head screwdriver Removal WARNING: Powered bed mechanisms can cause serious injury. Operate the bed only with persons clear of mechanisms. 1. 4.7 Hilow Motor Chapter 4: Removal, Replacement, and Adjustment Procedures Figure 4-7. Hilow Motor m241_124 9. Using the 7/16" socket and ratchet, remove the bolts (D), nuts (F), spacers (E), and washers (G). 4.7 Hilow Motor Chapter 4: Removal, Replacement, and Adjustment Procedures 4. Connect the hilow motor power connector (A). 5. If applicable, connect the battery Backup Box" on page 4-8). 6. Plug the bed into an appropriate power source. WARNING: Powered bed mechanisms can cause serious injury. 4.8 Hilow Drive Screw Assembly Chapter 4: Removal, Replacement, and Adjustment Procedures Hilow Drive Screw Assembly Tools required: Needle nose pliers 7/16" socket and ratchet 1/2" open-end wrench Removal 1. If necessary, remove the hilow motor from the bed (see "Hilow Motor" on page 4-24). 4.8 Hilow Drive Screw Assembly Tools required: Needle nose pliers 7/16" socket and ratchet 1/2" open-end wrench Removal 1. If necessary, remove the hilow motor from the bed (see "Hilow Motor" on page 4-24). Adjustment Procedures Figure 4-8. Hilow Drive Screw Assembly m241_123 4. Push the hilow tie rods (B) out of the holes at the head end of the bed. 5. Using the 7/16" socket and ratchet, and the 1/2" open-end wrench, remove the two bolts (E), nuts (C), and washers (D). 4.8 Hilow Drive Screw Assembly Chapter 4: Removal, Replacement, and Adjustment Procedures 2. Using the 7/16" socket and ratchet, and the 1/2" open-end wrench, secure the hilow drive screw assembly (F) with the bolts (E), nuts (C), and washers (D). 3. 4.9 Hilow Limit Switch Chapter 4: Removal, Replacement, and Adjustment Procedures Hilow Limit Switch Tools required: Phillips head screwdriver Removal SHOCK HAZARD: Unplug the bed from its power source. Failure to do so could result in personal injury or equipment damage. 1. 4.9 Hilow Limit Switch m241_108 6. Lift the control box cover (C) up, and slide it off the retainers. 7. Disconnect the terminals (I) and wires (D) from the old switch (E) one at a time, and place them on the appropriate contacts of the new switch. 4.9 Hilow Limit Switch Chapter 4: Removal, Replacement, and Adjustment Procedures 5. If applicable, install the mattress on the bed into an appropriate power source. WARNING: Powered bed mechanisms can cause serious injury. 4.10 Automatic Contour Assembly (Beds with Optional Automatic Contour Only) Tools required: Phillips head screwdriver Wire cutters Removal SHOCK HAZARD: Unplug the bed from its power source. Failure to do so could result in personal injury or equipment damage. 4.10 Automatic Contour Assembly (Beds with Optional Automatic Contour Assembly) (Beds with Optional Automatic Conto m241_134 5. Disconnect the connector (B) from the control board. 6. Using the phillips head screwdriver, loosen and remove the screws (D), and separate the automatic contour tox (C). 4.10 Automatic Contour Assembly (Beds with Optional Automatic Contour Only) Chapter 4: Removal, Replacement, and Adjustment Procedures 5. If applicable, connect the battery backup (see "Battery Backup Box" on page 4-8). 6. Install the control board box cover (see "Control Board" on page 4-5). 7. 4.11 Trendelenburg or Reverse Trendel Assembly Tools required: Needle nose pliers Phillips head screwdriver Removal WARNING: Powered bed mechanisms can cause serious injury. Operate the bed only with persons clear of mechanisms. 1. Page 162 4.11 Trendelenburg Assembly Chapter 4: Removal, Replacement, and Adjustment Procedures Figure 4-11 Trendelenburg or Reverse Trendelenburg Assembly m241_113 Century+[™] Bed Service Manual (man241) Page 4 - 37... 4.11 Trendelenburg Assembly Chapter 4: Removal, Replacement, and Adjustment Procedures 6. Using the phillips head screwdriver, remove the screw (E), lockwasher (F), and nut (G). 7. Remove the Trendelenburg assembly (I), or Reverse Trendelenburg assembly (J) from the bed. Replacement 1. 4.12 Brake Cam Assembly (Beds with Central Brake and Steer) Tools required: T25 Torx[®] head screwdriver Punch Hammer Removal 1. Using the T25 Torx[®] head screwdriver, remove the plastic covers from the left foot end caster and the right head end caster. 4.12 Brake Cam Assembly (Beds with Central Brake and Steer) Chapter 4: Removal, Replacement, and Adjustment Procedures 8. Using the hammer and punch, remove the roll pin (A) (see figure 4-12 on page 4-40) Figure 4-12. Brake Cam Assembly m241_050 NOTE: Note the orientation of the cams before removal. 4.12 Brake Cam Assembly (Beds with Central Brake and Steer) Chapter 4: Removal, Replacement, and Adjustment Procedures 5. Plug the bed into an appropriate power source. 6. Test the brakes to ensure that the bed is working properly. Adjustment None Century+1... 4.13 Brake Block Mechanism (Beds Equipped with Central Brake and Steer) Chapter 4: Removal 1. Remove the brake and Steer) Tools required: Phillips head screwdriver T25 Torx® head screwdriver Removal 1. Remove the brake cams (see "Brake Cam Assembly (Beds with Central Brake and Steer)"... 4.13 Brake Block Mechanism (B) from the base assembly. NOTE: Note the orientation of the brake block mechanism and its components before removal. 4.13 Brake Block Mechanism (Beds Equipped with Central Brake and Steer) Chapter 4: Removal, Replacement, and Adjustment Procedures 5. If applicable, connect the battery backup (see "Battery Backup Box" on page 4-8). 6. Plug the bed into an appropriate power source. 7. 4.14 Casters (Beds with Central Brake and Steer) Tools required: T25 Torx® head screwdriver Combination wrench set Ratchet drive 5/32" allen wrench 5 mm allen wrench Removal 1. 4.14 Casters (Beds with Central Brake and Steer) Chapter 4: Removal, Replacement, and Adjustment Procedures WARNING: Powered bed mechanisms. 3. Lower the bed to the low position using the hilow function. SHOCK HAZARD: Unplug the bed from its power source. 4.14 Casters (Beds with Central Brake and Steer) Chapter 4: Removal, Replacement, and Adjustment Procedures 3. Adjust the casters (see "Adjustment" on page 4-47). 4. If applicable, connect the battery Backup Box" on page 4-47). 4. If applicable, connect the battery Backup Box" on page 4-47). Chapter 4: Removal, Replacement, and Adjustment Procedures 7. Place the brake/steer pedal in the steer position. 8. Using the 5/32" allen wrench, turn the setscrew (C) down (clockwise) on the brake caster (F) until light brake occurs. 4.15 SideCom® Communication System Entertainment Control Chapter 4: Removal, Replacement, and Adjustment Procedures 4.15 SideCom ® Communication System Entertainment Control Tools required: Phillips head screwdriver 1/4" nut driver Removal SHOCK HAZARD: Unplug the bed from its power source. Failure to do so could result in personal injury or equipment damage. Page 175 4.15 SideCom® Communication System Entertainment Control Chapter 4: Remove the four screws (D). 5. Remove the screw (E) and the bottom cover (F). 6. Unplug the connector (G) and the bed exit connector (H) (if applicable), and lift the entertainment control assembly out of the siderail. 4.15 SideCom[®] Communication System Entertainment Control Chapter 4: Removal, Replacement, and Adjustment Procedures 10. To remove a speaker, detach the connectors. Using the 1/4" nut driver, remove the nuts (L), and separate the speaker from the entertainment control assembly. Replacement 1. 4.16 Siderail Nurse Call, Lighting, or Bed Control Switch Assembly Tools required: Phillips head screwdriver Wire cutters Soldering iron 60/40 lead tin rosin core solder Removal SHOCK HAZARD: Unplug the bed from its power source. Page 178 4.16 Siderail Nurse Call, Lighting, or Bed Control Switch Assembly Chapter 4: Removal, Replacement, and Adjustment Procedures Figure 4-16. Siderail Nurse Call, Lighting, or Bed Control Switch Assembly m241_119 4. Remove the top cane (B), end cover (C), extension tube (D), and control Switch Assembly m241_119 4. Removal, Replacement, and Adjustment Procedures Figure 4-16. housing cover (E). 4.16 Siderail Nurse Call, Lighting, or Bed Control Switch Assembly Chapter 4: Removal, Replacement, and Adjustment Proceed as follows: a. 4.17 Siderails Chapter 4: Removal, Replacement, and Adjustment Procedures 4.17 Siderails Tools required: T25 Torx® head screwdriver Wire cutters Removal WARNING: Powered bed mechanisms. 1. Raise the bed to the high position using the hilow function. WARNING: Powered bed mechanisms can cause serious injury. Place bed stands under the upper lift arm pivots or 2 x 4s between the frame and lift arms before working under the bed. 4.17 Siderails m241 115 7. Using the T25 Torx® head screwdriver, remove the screw (B) securing the ground strap to the bed frame. 8. Using the wire cutters, cut the wire ties (D) securing the cable to the bed frame. 4.17 Siderails Chapter 4: Removal, Replacement, and Adjustment Procedures 5. If applicable, connect the bed stands or 2 x 4s from the bed frame, as applicable. 7. Plug the bed into an appropriate power source. WARNING: Powered bed mechanisms can cause serious injury. 4.18 Pendant Control Assembly Chapter 4: Removal, Replacement, and Adjustment Procedures 4.18 Pendant Control Assembly Tools required: Wire cutters Removal WARNING: Powered bed mechanisms can cause serious injury. mechanisms. 1. Raise the bed to the high position using the hilow function. WARNING: Place bed stands under the upper lift arm pivots or 2 x 4s between the frame and lift arms before working under the bed. 4.18 Pendant Control Assembly Chapter 4: Removal, Replacement, and Adjustment Procedures Figure 4-18. Pendant Control Assembly Chapter 4: Removal, Replacement, and Adjustment Procedures Figure 4-18. Pendant Control Assembly Chapter 4: Removal, Replacement, and Adjustment Procedures Figure 4-18. Pendant Control Assembly Chapter 4: Removal, Replacement, and Adjustment Procedures Figure 4-18. Pendant Control Assembly Chapter 4: Removal, Replacement, and Adjustment Procedures Figure 4-18. Pendant Control Assembly Chapter 4: Removal, Replacement, and Adjustment Procedures Figure 4-18. Pendant Control Assembly Chapter 4: Removal, Replacement, and Adjustment Procedures Figure 4-18. Pendant Control Assembly Chapter 4: Removal, Replacement, and Adjustment Procedures Figure 4-18. Pendant Control Assembly Chapter 4: Removal, Replacement, and Adjustment Procedures Figure 4-18. Pendant Control Assembly Chapter 4: Removal, Replacement, and Adjustment Procedures Figure 4-18. Pendant Control Assembly Chapter 4: Removal, Replacement, and Adjustment Procedures Figure 4-18. Pendant Control Assembly Chapter 4: Removal, Replacement, and Replacement, and Replacement, and Replacement, and Replacement 4: Removal, Replacement, and Replacement, and Replacement, and Replacement, and Replacement, and Replacement 4: Removal, Replacement, and Replacement, and Replacement, and Replacement, and Replacement, and Replacement 4: Removal, Replacement, and Replacement, and Replacement, and Replacement, and Replacement, and Replacement 4: Removal, Replacement, and Replacement, and Replacement, and Replacement, and Replacement, and Replacement 4: Removal, Replacement, and Replacem m241_128 6. Remove the Velcro® strap (E) that secures the control cable (B) to the crosstube (F). 7. Disconnect the control cable (B) to the control cable (C) to the contr control box. 5. If applicable, connect the battery backup (see "Battery Backup Box" on page 4-8). 4.19 Trendelenburg and Reverse Trendelenburg Indicator Chapter 4: Removal, Replacement, and Adjustment Procedures 4.19 Trendelenburg and Reverse Trendelenburg Indicator Chapter 4: Removal, Replacement, and Adjustment Procedures 4.19 Trendelenburg and Reverse Trendelenburg Indicator Chapter 4: Removal, Replacement, and Adjustment Procedures 4.19 Trendelenburg Indicator Chapter 4: Removal, Replacement, and Adjustment Procedures 4.19 Trendelenburg Indicator Chapter 4: Removal, Replacement, and Adjustment Procedures 4.19 Trendelenburg Indicator Chapter 4: Removal, Replacement, and Adjustment Procedures 4.19 Trendelenburg Indicator Chapter 4: Removal, Replacement, and Reverse Trendelenburg Indicator (Replacement, and Reverse Trendelenburg Indicator Chapter 4: Removal, Replacement, and Reverse Trendelenburg Indicator (Replacement, and Reverse Trendelenburg Indicator (Reverse 1: Removal, Replacement, and Reverse 1: Removal, Replacement, and Reverse 1: Removal, Adjustment It may be necessary to adjust the indicator knobs for Trendelenburg and Reverse Trendelenburg and Reverse Trendelenburg Indicator Chapter 4: Removal, Replacement, and Adjustment Procedures Figure 4-19. Trendelenburg and Reverse Trendelenburg Replacement of non-technical items will be the responsibility of the customer. If requested by Hill-Rom, products or parts for which a warranty Chapter 5: Parts List NOTES: Page 5 - 4 Century+[™] Bed Service Manual (man241) • Product number • Serial number • Part number(s) Hill-Rom also provides a fax number is (812) 934-8472. Century+^m Bed Service order. The fax number is (812) 934-8472. Century+^m Bed Service order. The fax number is (812) 934-8472. RMA number is not available, obtain one by phoning Hill-Rom Technical Support at (800) 445-3720. Page 5 - 6... In some cases, the invoice accompanying the parts without an RMA number. When parts/products have been requested to be returned, Hill-Rom will include an RMA packet with the parts/products shipment. Page 5 - 8 Century+TM Bed Service Manual (man241) Recommended Spare Parts List Recommended Spare Parts List NOTES: Page 5 - 8 Century+TM Bed Service Manual (man241) Recommended Spare Parts List NOTES: Page 5 - 8 Century+TM Bed Service Manual (man241) Recommended Spare Parts List NOTES: Page 5 - 8 Century+TM Bed Service Manual (man241) Recommended Spare Parts List Recommended Spare Parts List NOTES: Page 5 - 8 Century+TM Bed Service Manual (man241) Recommended Spare Parts List NOTES: Page 5 - 8 Century+TM Bed Service Manual (man241) Recommended Spare Parts List NOTES: Page 5 - 8 Century+TM Bed Service Manual (man241) Recommended Spare Parts List Recommended Spare Parts List NOTES: Page 5 - 8 Century+TM Bed Service Manual (man241) Recommended Spare Parts List NOTES: Page 5 - 8 Century+TM Bed Service Manual (man241) Recommended Spare Parts List Recommended Spare Parts List NOTES: Page 5 - 8 Century+TM Bed Service Manual (man241) Recommended Spare Parts List to service five units or more. Table 5-1. Recommended Spare Parts Part Number Quantity Description 4314312 (1400) 1 amp fuse (as applicable) 4314311 (1400) 1 amp fuse (as applicable) 4314312 (1400) Base Module End to the service five units or more. Table 5-2. Base Module End to the service five units or more. Table 5-2. Base Module Item Number Quantity Description 4314312 (1400) 1 amp fuse (as applicable) Description 44299 (1400) Base weldment 43878 (1400) Torx[®] button head screw 44100 (1400) Leg cover Page 5 - 10 Century+¹ ... Page 198 Base Module—Units With Central Brake and Steer Chapter 5: Parts List Base Module—Units With Centra Brake and Steer Figure 5-3. Base Module—Units With Central Brake and Steer m241 060 Page 5 - 12 Century+[™] Bed Service Manual (man241) Page 200 Base Module—Units With Central Brake and Steer Table 5-3. Base Module—Units With Central Brake and Steer Module—Units With Central Brake and Steer m241 060 Page 5 - 12 Century+[™] Bed Service Manual (man241) Page 200 Base Module—Units With Central Brake and Steer m241 060 Page 5 - 12 Century+[™] Bed Service Manual (man241) Page 200 Base Module—Units With Central Brake and Steer m241 060 Page 5 - 12 Century+[™] Bed Service Manual (man241) Page 200 Base Module—Units With Central Brake and Steer m241 060 Page 5 - 12 Century+[™] Bed Service Manual (man241) Page 200 Base Module—Units With Central Brake and Steer m241 060 Page 5 - 12 Century+[™] Bed Service Manual (man241) Page 200 Base Module—Units With Central Brake and Steer m241 060 Page 5 - 12 Century+[™] Bed Service Manual (man241) Page 200 Base Module—Units With Central Brake and Steer m241 060 Page 5 - 12 Century+[™] Bed Service Manual (man241) Page 200 Base Module—Units With Central Brake and Steer m241 060 Page 5 - 12 Century+[™] Bed Service Manual (man241) Page 200 Base Module—Units With Central Brake and Steer m241 060 Page 5 - 12 Century+[™] Bed Service Manual (man241) Page 200 Base Module—Units With Central Brake and Steer m241 060 Page 5 - 12 Century+[™] Bed Service Manual (man241) Page 200 Base Module—Units With Central Brake and Steer m241 060 Page 5 - 12 Century+[™] Bed Service Manual (man241) Page 200 Base Module—Units With Central Brake and Steer m241 060 Page 5 - 12 Century+[™] Bed Service Manual (man241) Page 200 Base Module—Units With Central Brake and Steer m241 060 Page 5 - 12 Century+[™] Bed Service Manual (man241) Page 200 Base Module—Units With Central Brake and Steer m241 060 Page 5 - 12 Century+[™] Bed Service Manual (man241) Page 200 Base Module—Units With Central Brake and Steer m241 060 Page 5 - 12 Century+[™] Bed Service Manual (man241) Page 5 - 12 Century+[™] Bed Service Manaa (man241) Page Clevis pin 24497 (1400) Spacer 2332 (1400) Stopnut 34349 (1400) Bushing 19274 (1400) Bolt 33355 (1400) Pointer... Page 201 Base Module—Units With Central Brake and Steer Chapter 5: Parts List Item Number Quantity Description 43389 (1400) Hilow Torx® screw 32585 (1400) Cable assembly 42142 (1400) Pan head screw 34516 (1400) Stiffener plate 18887 (1400) Bearing SA1157 (1400) Block top, adapter, screw SA3351 (1400) As required Lithium grease... Surface Module Item Number Part Number Quantity Description 45884 (1400) Seat pan 43878 (1400) Torx® button head screw 4565805 (1400) Ground strap assembly Century+^m Bed Service Manual (man241) Page 5 - 15... Frame/Surface Module Chapter 5: Parts List Table 5-5. Frame/Surface Module Chapter 5: Parts List Table 5-5. Frame/Surface Module Item Number Part Number Quantity Description 27802 (1400) Reverse Trendelenburg rod 27803 (1400) Bushing 19274 (1400) Bolt SA3351 (1400) As required Lithium grease 3262101 (1400) Page 205 Frame/Surface Module Chapter 5: Parts List Item Number Part Number Quantity Description 19528 (1400) Spring, right-hand 32616 (1400) Foot rack assembly SA1372 (1400) Trendelenburg mount and retainer 77 (1400) Trendelenburg assembly 17291 (1400) Foot rack assembly SA1372 (1400) Spring, right-hand 32616 (1400) Spring, right-hand 32616 (1400) Foot rack assembly SA1372 (1400) Trendelenburg assembly SA1371 (1400) Trendelenburg assembly 17291 (1400) Foot rack assembly SA1372 (1400) Spring, right-hand 32616 (1400) Foot rack assembly SA1372 (1400) Trendelenburg assembly SA1371 (1400) Trendelenburg assembly SA1372 (1400) Foot rack assembly SA1372 (1400) Foot rack assembly SA1371 (1400) Trendelenburg assembly SA1371 (1400) Foot rack assembly SA1372 (1400) Foot rack assembly SA1371 (1400) Foot rack assembly SA1371 (1400) Foot rack assembly SA1372 (1400) Foot rack assembly SA1371 (1400) Foot rack ass 5: Parts List NOTES: Century+¹⁴ Bed Service Manual (man241) Page 5 - 20 Century+¹⁴ Bed Service Manual (man241) Page 5 - 20 Century+¹⁴ Bed Service Manual (man241) Page 5 - 20 Century+¹⁴ Bed Service Manual (man241) Page 5 - 20 Century+¹⁴ Bed Service Manual (man241) Page 5 - 20 Century+¹⁴ Bed Service Manual (man241) Page 5 - 20 Century+¹⁴ Bed Service Manual (man241) Page 5 - 20 Century+¹⁴ Bed Service Manual (man241) Page 5 - 20 Century+¹⁴ Bed Service Manual (man241) Page 5 - 20 Century+¹⁴ Bed Service Manual (man241) Page 5 - 20 Century+¹⁴ Bed Service Manual (man241) Page 5 - 20 Century+¹⁴ Bed Service Manual (man241) Page 5 - 20 Century+¹⁴ Bed Service Manual (man241) Page 5 - 20 Century+¹⁴ Bed Service Manual (man241) Page 5 - 20 Century+¹⁴ Bed Service Manual (man241) Page 5 - 20 Century+¹⁴ Bed Service Manual (man241) Page 5 - 20 Century+¹⁴ Bed Service Manual (man241) Page 5 - 20 Century+¹⁴ Bed Service Manual (man241) Page 5 - 20 Century+¹⁴ Bed Service Manual (man241) Page 5 - 20 Century+¹⁴ Bed Service Manual (man241) Page 5 - 20 Century+¹⁴ Bed Service Manual (man241) Page 5 - 20 Century+¹⁴ Bed Service Manual (man241) Page 5 - 20 Century+¹⁴ Bed Service Manual (man241) Page 5 - 20 Century+¹⁴ Bed Service Manual (man241) Page 5 - 20 Century+¹⁴ Bed Service Manual (man241) Page 5 - 20 Century+¹⁴ Bed Service Manual (man241) Page 5 - 20 Century+¹⁴ Bed Service Manual (man241) Page 5 - 20 Century+¹⁴ Bed Service Manual (man241) Page 5 - 20 Century+¹⁴ Bed Service Manaal (man241) Page 5 - 20 Century+¹⁴ Bed Service Manaal (man241) Page 5 - 20 Century+¹⁴ Bed Service Manaal (man241) Page 5 - 20 Century+¹⁴ Bed Service Manaal (man241) Page 5 - 20 Century+¹⁴ Bed Service Manaal (man241) Page 5 - 20 Century+¹⁴ Bed Service Manaal (man241) Page 5 - 20 Century+¹⁴ Bed Service Manaal (man241) Page 5 - 20 Century+¹⁴ Bed Service Manaal (man241) Page 5 - 20 Century+¹⁴ Bed Service Manaal (man241) Page 5 - 20 Century+¹⁴ Bed Service Manaal (man241) Page 5 - 20 Century+¹⁴ Number Quantity Description 6340103 (1400) Motor, DC hilow 3517 (1400) Spring pin 39837 (1400) Fixed brake 24633 (1400) Fixed brake 24633 (1400) Bushing 11578 (1400) Brake washer 39247 (1400) Fixed brake 24633 (1400) Hilow Drive Assembly Chapter 5: Parts List Item Number Quantity Description 33030 (1400) Hilow Drive Assembly Chapter 5: Parts List Item Number Quantity Description 33030 (1400) Hilow Drive Assembly Chapter 5: Parts List Item Number Quantity Description 33030 (1400) Hilow Drive Assembly Chapter 5: Parts List Item Number Quantity Description 33030 (1400) Hilow Drive Assembly Chapter 5: Parts List Item Number Quantity Description 33030 (1400) Hilow Drive Assembly Chapter 5: Parts List Item Number Quantity Description 33030 (1400) Hilow Drive Assembly Chapter 5: Parts List Item Number Quantity Description 33030 (1400) Hilow Drive Assembly Chapter 5: Parts List Item Number Quantity Description 33030 (1400) Hilow Drive Assembly Chapter 5: Parts List Item Number Quantity Description 33030 (1400) Hilow Drive Assembly Chapter 5: Parts List Item Number Quantity Description 33030 (1400) Hilow Drive Assembly Chapter 5: Parts List Item Number Quantity Description 33030 (1400) Hilow Drive Assembly Chapter 5: Parts List Item Number Quantity Description 33030 (1400) Hilow Drive Assembly Chapter 5: Parts List Item Number Quantity Description 33030 (1400) Hilow Drive Assembly Chapter 5: Parts List Item Number Quantity Description 33030 (1400) Hilow Drive Assembly Chapter 5: Parts List Item Number Quantity Description 33030 (1400) Hilow Drive Assembly Chapter 5: Parts List Item Number Quantity Description 33030 (1400) Hilow Drive Assembly Chapter 5: Parts List Item Number Quantity Description 33030 (1400) Hilow Drive Assembly Chapter 5: Parts List Item Number Quantity Description 33030 (1400) Hilow Drive Assembly Chapter 5: Parts List Item Number Quantity Description 33030 (1400) Hilow Drive Assembly Chapter 5: Parts List Item Number Quantity Description 33030 (1400) Hilow Drive Assembly Chapter 5: Parts List Item N limit rod 39652 (1400) Bushing 43878 (1400) Torx[®] button head screw 42889 (1400) Hex bolt 28082 (1400) Hex bolt 28082 (1400) Hilow drive channel... Page 210 Hilow Drive Assembly Chapter 5: Parts List NOTES: Century+[™] Bed Service Manual (man241) Page 5 - 23... DC Drive Module Chapter 5: Parts List DC Drive Module Figure 5-7. DC Drive Module in 241 003 Page 5 - 24 Century+¹¹ Bed Service Manual (man241) Page 212 DC Drive Module Item Number Part Number Part Number Part Number Part Number Quantity Description 24497 (1400) Spacer 24496 (1400) Clevis pin 43878 (1400) Torx® button head screw 6340803 (1400) Knee drive assembly without CPR 10902 (1400) Washer 11093 (1400) Cotter pin... DC Head Drive Module with CPR Release Figure 5-8. DC Head Drive Module with CPR Release Figure 5-8. DC Head Drive Module with CPR Release Figure 5-8. DC Head Drive Module with CPR Release Figure 5-8. DC Head Drive Module with CPR Release Figure 5-8. DC Head Drive Module with CPR Release Figure 5-8. DC Head Drive Module with CPR Release Figure 5-8. DC Head Drive Module with CPR Release Figure 5-8. DC Head Drive Module with CPR Release Figure 5-8. DC Head Drive Module with CPR Release Figure 5-8. DC Head Drive Module with CPR Release Figure 5-8. DC Head Drive Module with CPR Release Figure 5-8. DC Head Drive Module with CPR Release Figure 5-8. DC Head Drive Module with CPR Release Figure 5-8. DC Head Drive Module with CPR Release Figure 5-8. DC Head Drive Module with CPR Release Figure 5-8. DC Head Drive Module with CPR Release Figure 5-8. DC Head Drive Module with CPR Release Figure 5-8. DC Head Drive Module with CPR Release Figure 5-8. DC Head Drive Module with CPR Release Figure 5-8. DC Head Drive Module with CPR Release Figure 5-8. DC Head Drive Module with CPR Release Figure 5-8. DC Head Drive Module with CPR Release Figure 5-8. DC Head Drive Module with CPR Release Figure 5-8. DC Head Drive Module with CPR Release Figure 5-8. DC Head Drive Module with CPR Release Figure 5-8. DC Head Drive Module with CPR Release Figure 5-8. DC Head Drive Module with CPR Release Figure 5-8. DC Head Drive Module with CPR Release Figure 5-8. DC Head Drive Module with CPR Release Figure 5-8. DC Head Drive Module with CPR Release Figure 5-8. DC Head Drive Module with CPR Release Figure 5-8. DC Head Drive Module with CPR Release Figure 5-8. DC Head Drive Module with CPR Release Figure 5-8. DC Head Drive Module with CPR Release Figure 5-8. DC Head Drive Module with CPR Release Figure 5-8. DC Head Drive Module with CPR Release Figure 5-8. DC Head Drive Module with CPR Release Figure 5-8. DC Head Drive Module with CPR Release Figure 5 Drive Module with CPR Release Chapter 5: Parts List Table 5-8. Head Drive Module with CPR Release Item Number 935112 (1400) Flat washer 35112 (1400) Flat washer Battery Backup Assembly Figure 5-9. Battery Backup Assembly m241 142 Page 5 - 28 Century + M Bed Service Manual (man241) Page 216 Battery Backup Assembly Item Number Quantity Description 44113 (1400) 1.25 lft Gasket 4840501 (1400) Battery, lead acid, sealed 64069 (1400) Battery box weldment 35663 (1400) Standoff 64600 (1400) Wiring diagram 6381401 (1400) 0 or 1 PCB assembly, 120V... Automatic Contour Cable Routing Figure 5-10. Automatic Contour Cable Routing m241_006 Page 5 - 30 Century + 11 Bed Service Manual (man241) Page 218 Automatic Contour Cable Routing Chapter 5: Parts List Table 5-10. Automatic Contour Cable Routing Item Number Part Number Quantity Description 3300602 (1400) Lockout button (w/lock) 34422 (1400) Screw 43878 (1400) Torx®... Automatic Contour Module Contour Module Contour Cable Routing Item Number Part Number Quantity Description 3300603 (1400) Lockout button (w/lock) 34422 (1400) Screw 43878 (1400) Torx®... Automatic Contour Module Contour Module Contour Module Contour Module Contour Cable Routing Item Number Quantity Description 3300603 (1400) Lockout button (w/lock) 34422 (1400) Screw 43878 (14 Chapter 5: Parts List Automatic Contour Module Figure 5-11. Automatic Contour Module E-11. Automatic Contour Module Chapter 5: Parts List Table 5-11. Automatic Contour Module Item Number Quantity Description 63476 (1400) Control box weldment 3306702 (1400) Threaded spacer 35663 (1400) Circuit board support 43879 (1400) Torx® button head screw 3697302 (1400) Standoff, PCB screw 3297101 (1400) Hilow limit cable assembly... Page 221 Automatic Contour Module Chapter 5: Parts List Item Number Part Number Quantity Description 6015901 (1400) 0 or 1 Bed function control cable (w/o CPR) 4565818 (1400) Ground strap assembly 14450 (1400) Small cable tie 9023506 (1400) Screw 31236 (1400) Lockwasher 63485 (1400) Motor harness 3292101 (1400) Page 5 - 35... Head Drive Assembly-P/N 6340802 Chapter 5: Parts List Head Drive Assembly—P/N 6340802 Figure 5-12. Head Drive Assembly—P/N 6340802 m241 069 Page 5 - 36 Century+TM Bed Service Manual (man241) Page 224 Head Drive Assembly—P/N 6340802 Item Number Quantity Description 6340101 (1400) DC motor, head 63464 (1400) Motor mount weldment 36250 (1400) Coupling assembly 3517 (1400) Spring pin 32589 (1400) Mounting plate 34613 (1400) Bearing... Head Drive Assembly with CPR Module-P/N 6340804 Figure 5-13. Head Drive Assembly with CPR Module-P/N 6340804 Figure 5-13. Head Drive Assembly with CPR Module-P/N 6340804 Figure 5-13. Head Drive Assembly with CPR Module-P/N 6340804 Figure 5-13. Head Drive Assembly with CPR Module-P/N 6340804 Figure 5-13. Head Drive Assembly with CPR Module-P/N 6340804 Figure 5-13. Head Drive Assembly with CPR Module-P/N 6340804 Figure 5-13. Head Drive Assembly with CPR Module-P/N 6340804 Figure 5-13. Head Drive Assembly with CPR Module-P/N 6340804 Figure 5-13. Head Drive Assembly with CPR Module-P/N 6340804 Figure 5-13. Head Drive Assembly with CPR Module-P/N 6340804 Figure 5-13. Head Drive Assembly with CPR Module-P/N 6340804 Figure 5-13. Head Drive Assembly with CPR Module-P/N 6340804 Figure 5-13. Head Drive Assembly with CPR Module-P/N 6340804 Figure 5-13. Head Drive Assembly with CPR Module-P/N 6340804 Figure 5-13. Head Drive Assembly with CPR Module-P/N 6340804 Figure 5-13. Head Drive Assembly With CPR Module-P/N 6340804 Figure 5-13. Head Drive Assembly With CPR Module-P/N 6340804 Figure 5-13. Head Drive Assembly With CPR Module-P/N 6340804 Figure 5-13. Head Drive Assembly With CPR Module-P/N 6340804 Figure 5-13. Head Drive Assembly With CPR Module-P/N 6340804 Figure 5-13. Head Drive Assembly With CPR Module-P/N 6340804 Figure 5-13. Head Drive Assembly With CPR Module-P/N 6340804 Figure 5-13. Head Drive Assembly With CPR Module-P/N 6340804 Figure 5-13. Head Drive Assembly With CPR Module-P/N 6340804 Figure 5-13. Head Drive Assembly With CPR Module-P/N 6340804 Figure 5-13. Head Drive Assembly With CPR Module-P/N 6340804 Figure 5-13. Head Drive Assembly With CPR Module-P/N 6340804 Figure 5-13. Head Drive Assembly With CPR Module-P/N 6340804 Figure 5-13. Head Drive Assembly With CPR Module-P/N 6340804 Figure 5-13. Head Drive Assembly With CPR Module-P/N 6340804 Figure 5-13. Head Drive Asse m241 007 Page 5 - 38 Century+TM Bed Service Manual (man241) Page 226 Head Drive Assembly with CPR Module—P/N 6340804 Item Number Part Number Quantity Description 6340101 (1400) DC motor, head 3517 (1400) Spring pin 38436 (1400) Bushing 40524 (1400) Head screw bearing collar 34326 (1400) Retaining ring... Page 227 Head Drive Assembly with CPR Module—P/N 6340804 Chapter 5: Parts List Item Number Part Number Quantity Description 43338 (1400) Label, CPR release 43318 (1400) Head screw bearing collar 34326 (1400) Retaining ring... Page 227 Head Drive Assembly with CPR Module—P/N 6340804 Chapter 5: Parts List Item Number Quantity Description 43328 (1400) Head Screw bearing collar 34326 (1400) Retaining ring... Page 227 Head Drive Assembly with CPR release 43318 (1400) Head Screw bearing collar 34326 (1400) Retaining ring... Page 227 Head Drive Assembly with CPR release 43318 (1400) Head Screw bearing collar 34326 (1400) Retaining ring... Page 227 Head Drive Assembly with CPR release 43318 (1400) Head Screw bearing collar 34326 (1400) Retaining ring... Page 227 Head Drive Assembly with CPR release 43318 (1400) Head Screw bearing collar 34326 (1400) Retaining ring... Page 227 Head Drive Assembly with CPR release 43318 (1400) Head Screw bearing collar 34326 (1400) Retaining ring... Page 227 Head Drive Assembly with CPR release 43318 (1400) Retaining ring... Page 227 Head Drive Assembly with CPR release 43318 (1400) Retaining ring... Page 227 Head Drive Assembly with CPR release 43318 (1400) Retaining ring... Page 227 Head Drive Assembly Retaining ring... Page release 43319 (1400) Top cover, CPR release 43389 (1400) Torx ... Page 228 Head Drive Assembly with CPR Module-P/N 6340804 Chapter 5: Parts List Item Number 9 (1400) Mounting plate 36250 Page 5 - 41... Knee Drive Assembly—P/N 6340803 Chapter 5: Parts List Knee Drive Assembly—P/N 6340803 Chapter 5: Parts List Table 5-14. Knee Drive Assembly—P/N 6340803 Item Number Part Number Quantity Description 6340102 (1400) DC motor, knee 63464 (1400) Motor mount weldment 36250 (1400) Coupling assembly 3517 (1400) Bearing... Night Light Assembly-P/N 4578201 Chapter 5: Parts List Night Light Assembly-P/N 4578201 Figure 5-15. Night Light Assembly—P/N 4578201 m241 130 Page 5 - 44 Century+[™] Bed Service Manual (man241) Page 232 Night Light Assembly—P/N 4578201 Item Number Part Number Quantity Description 43879 (1400) Torx[®] button head screw 3438001 (1400) Lamp, guarded 39763-02 (1400) Standoff 45779 (1400) Night light bottom cover 43412 (1400) Night light label 45780 (1400) Night light top cover... Pendant Control Assembly—P729 Figure 5-16. Pendant Control Assembly—P729 Figure 5-46 Century+[™] Bed Service Manual (man241) Page 234 Pendant Control Assembly—P729 Chapter 5: Parts List Table 5-16. Pendant Control Assembly—P729 Item Number Part Number Quantity Description SA4516 (1400) Pendant sleeve SA7089 (1 Siderail—Mounting Parts Chapter 5: Parts List Head Siderail—Mounting Parts Figure 5-17. Head Siderail—Mounting Parts m241 103 Table 5-17. Head Siderail—Mounting Parts Item Number Parts Item Number Parts Item Secret screws Page 5 - 17. Head Siderail—Mounting Parts Item Secret screws Page 5 - 17. Head Siderail—Mounting Parts Item Secret screws Page 5 - 17. Head Siderail—Mounting Parts Item Secret screws Page 5 - 17. Head Siderail—Mounting Parts Item Secret screws Page 5 - 17. Head Siderail—Mounting Parts Item Secret screws Page 5 - 17. Head Siderail—Mounting Parts Item Secret screws Page 5 - 17. Head Siderail—Mounting Parts Item Secret screws Page 5 - 17. Head Siderail—Mounting Parts Item Secret screws Page 5 - 17. Head Siderail—Mounting Parts Item Secret screws Page 5 - 17. Head Siderail—Mounting Parts Item Secret screws Page 5 - 17. Head Siderail—Mounting Parts Item Secret screws Page 5 - 17. Head Siderail—Mounting Parts Item Secret screws Page 5 - 17. Head Siderail—Mounting Parts Item Secret screws Page 5 - 17. Head Siderail—Mounting Parts Item Secret screws Page 5 - 17. Head Siderail—Mounting Parts Item Secret screws Page 5 - 17. Head Siderail—Mounting Parts Item Secret screws Page 5 - 17. Head Siderail—Mounting Parts Item Secret screws Page 5 - 17. Head Siderail—Mounting Parts Item Secret screws Page 5 - 17. Head Siderail—Mounting Parts Item Secret screws Page 5 - 17. Head Siderail—Mounting Parts Item Secret screws Page 5 - 17. Head Siderail—Mounting Parts Item Secret screws Page 5 - 17. Head Siderail—Mounting Parts Item Secret screws Page 5 - 17. Head Siderail—Mounting Parts Item Secret screws Page 5 - 17. Head Siderail—Mounting Parts Item Secret screws Page 5 - 17. Head Siderail—Mounting Parts Item Secret screws Page 5 - 17. Head Siderail—Mounting Parts Item Secret screws Pag 48 Century+11. Dust Cover Module Chapter 5: Parts List Dust Cover Module Figure 5-18. Dust Cover Module Figure 5-18. Dust Cover Module Item Number Part Number Quantity Description 44489 (1400) Six lobe pan head screw 32967 (1400) 0 or 1 Head end cover, 76"... SideCom® Communication System Head Siderails—Cable Routing Figure 5-19. SideCom @ Communication System Head Siderails—Cable Routing m241_083 Page 5 - 50 Century+12 Bed Service Manual (man241) Page 238 SideCom @ Communication System Head Siderails—Cable Routing m241_083 Page 5 - 50 Century+12 Bed Service Manual (man241) Page 238 SideCom @ Communication System Head Siderails—Cable Routing m241_083 Page 5 - 50 Century+12 Bed Service Manual (man241) Page 238 SideCom @ Communication System Head Siderails—Cable Routing m241_083 Page 5 - 50 Century+12 Bed Service Manual (man241) Page 238 SideCom @ Communication System Head Siderails—Cable Routing m241_083 Page 5 - 50 Century+12 Bed Service Manual (man241) Page 238 SideCom @ Communication System Head Siderails—Cable Routing m241_083 Page 5 - 50 Century+12 Bed Service Manual (man241) Page 238 SideCom @ Communication System Head Siderails—Cable Routing m241_083 Page 5 - 50 Century+12 Bed Service Manual (man241) Page 238 SideCom @ Communication System Head Siderails -Cable Routing Chapter 5: Parts List Table 5-19. SideCom[®] Communication System Head Siderails-Cable Routing Item Number Ouantity Description SA1481 (1400) Large cable tie SA1672 (1400) Slide bracket screws 34778 (1400) Cord holder... SideCom[®] Communication System Head Siderail Assembly Chapter 5: Parts List SideCom Communication System Head Siderail Assembly Figure 5-20. SideCom Communication System Head Siderail Assembly Chapter 5: Parts List Table 5-20. SideCom Communication System Head Siderail Assembly Chapter 5: Parts List Table 5-20. SideCom Communication System Head Siderail Assembly Chapter 5: Parts List Table 5-20. SideCom Communication System Head Siderail Assembly Chapter 5: Parts List Table 5-20. SideCom Communication System Head Siderail Assembly Chapter 5: Parts List Table 5-20. SideCom Communication System Head Siderail Assembly Chapter 5: Parts List Table 5-20. SideCom Communication System Head Siderail Assembly Chapter 5: Parts List Table 5-20. SideCom Communication System Head Siderail Assembly Chapter 5: Parts List Table 5-20. SideCom Communication System Head Siderail Assembly Chapter 5: Parts List Table 5-20. SideCom Communication System Head Siderail Assembly Chapter 5: Parts List Table 5-20. SideCom Communication System Head Siderail Assembly Chapter 5: Parts List Table 5-20. SideCom Communication System Head Siderail Assembly Chapter 5: Parts List Table 5-20. SideCom Communication System Head Siderail Assembly Chapter 5: Parts List Table 5-20. SideCom Communication System Head Siderail Assembly Chapter 5: Parts List Table 5-20. SideCom Communication System Head Siderail Assembly Chapter 5: Parts List Table 5-20. SideCom Communication System Head Siderail Assembly Chapter 5: Parts List Table 5-20. SideCom Communication System Head Siderail Assembly Chapter 5: Parts List Table 5: Parts List 20. SideCom® Communication System Head Siderail Assembly Item Number Part Number Quantity Description 37387 (1400) Spring 28867 (1400) Spring 2887 (1400) Spri Siderail Assembly Chapter 5: Parts List Item Number Part Number Quantity Description 43878 (1400) Torx® button head screw 35206 (1400) Siderail extender assembly 40732 (1400) End cane 48886 (1400) Page 242 SideCom® Communication System Head Siderail Assembly Chapter 5: Parts List NOTES: Century+^m Bed Service Manual (man241) Page 5 - 55... SideCom[®] Communication System Head Siderail Entertainment Controls Figure 5-21. SideCom[®] Communication System Head Siderail Entertainment Controls m241_082 Page 5 - 56 Century+[™] Bed Service Manual (man241) Page 244 SideCom[®] Communication System Head Siderail Entertainment Controls Item Number Quantity Description 38260 (1400) 0 or 2 Foam tape 28562 (1400) Palnut 28550 (1400) Speaker 36196 (1400) As required Adhesive... SideCom[®] Communication System Head Siderail Bed Controls Figure 5-22. SideCom[®] Communication System Head Siderail Bed Controls m241_081 Page 5 - 58 Century+¹¹ Bed Service Manual (man241) Page 246 SideCom ® Communication System Head Siderail Bed Controls Item Number Part Number Quantity Description 4460702 (1400) Entertainment cable assembly (rh) 4460701 (1400) Entertainment cable assembly (lh) 44631 (1400) Nurse call cable 63494 (1400) Label, SideCom ... Page 247 SideCom Communication System Head Siderail Bed Controls Chapter 5: Parts List NOTES: Page 5 - 60 Century + M Bed Service Manual (man241) Page 248 Chapter 6 General Procedures Chapter Contents Cleaning and Care.... 3 General Cleaning . Chapter 6: General Procedures NOTES: Page 6 - 2 Century+TM Bed Service Manual (man241) Cleaning and Care WARNING: Follow the product manufacturer's instructions. Failure to do so could result in personal injury or equipment damage. SHOCK HAZARD: Unplug the unit from its power source. Failure to do so could result in personal injury or equipment damage. Component Handling Chapter 6: General Procedures Component Handling CAUTION: Ensure that your hands are clean, and only handle the P.C. boards by their edges to prevent component damage. CAUTION: Wear an antistatic strap when handling electronic components. Failure to do so could result in component damage. CAUTION: Place the removed P.C. Lubrication Requirements WARNING: Follow the product manufacturer's instructions. Failure to do so could result in personal injury or equipment damage. CAUTION: Do not use silicone-based lubricants. Equipment damage could occur. Oilite bearings and bushings are utilized in several places on the system. By retaining oil, the pores give a self-lubricating quality to the bearings and bushings. Preventive Maintenance Chapter 6: General Procedures Preventive Maintenance WARNING: Only facility-authorized maintenance personnel should perform preventive maintenance on the Century+^m Bed. Preventive maintenance performed by unauthorized personnel could result in personnel could result in personal injury or equipment damage. The Century+^m Bed requires an effective maintenance performed by unauthorized personnel could result in personal injury or equipment damage. Commission on Accreditation of Healthcare Organizations (JCAHO). Preventive Maintenance Schedule Function Procedures Preventive Maintenance Schedule Function for the limits and lower limits to ensure proper function of the limit switches. Automatic contour Check that when the head section is activated from the flat position, limits the knee will raise to 15°... Preventive Maintenance Checklist Table 6-2. Preventive Maintenance Checklist Table 6-2. Preventive Maintenance Checklist Table 6-2. Brake and steer Caster tires Siderail controls Siderail frame Pivot points Power cord and plug Head and foot panels CPR release Communications... Tool and Supply Requirements The following tools and T25 Torx® head screwdriver • 1/4" nut driver • Ratchet drive •... 6.1 Extraction Tool P/N 91065-1 Chapter 6: General Procedures Extraction Tool P/N 91065-1 This tool is used to extract terminals from the connect to P3, P4, P5 and P7 on the printed circuit board. The AMP extraction tool 91065-1 (A) is recommended for removing crimp snap-in contacts from the Mod I (B) and Mod IV (C) receptacle connectors (see figure 6-1 on page 6-10). Page 258 6.1 Extraction Tool P/N 91065-1 Chapter 6: General Procedures NOTE: The connector includes both the housing and the contacts, while the housing is the material which encapsulates the contacts. The lance recess is the cavity located between the connector housing. 6.2 Extraction Tool P/N 429022 (Blue Plastic Handle) Chapter 6: General Procedures Extraction Tool P/N 429022 (Blue Plastic Handle) This tool is used to extract terminals from the connectors that connect to P1 and P2 on the printed circuit board. The extraction tool tip is designed to enter the

contact cavity in the front of the connector and depress the locking lance of the contact. 6.3 Siderail Lubrication 1. Raise the siderail to the fully upright position. 2. Apply grease to the grease ports (A) (see figure 6-2 on page 6-13). Figure 6-2. Siderail Lubrication m241_057 Century+[™] Bed Service Manual (man241) Page 6-13... Page 261 6.3 Siderail Lubrication Chapter 6: General Procedures NOTES: Page 6-14 Century+[™] Bed Service Manual (man241) Page 262 Chapter 7 Accessories Sec table 7-1 on page 7-3 for Century+[™] Bed Service Manual (man241) Page 262 Chapter 7. Accessories Sec table 7-1 on capter 7: Accessories Librator 10 Pater 7: Accessories Adjustment None Century+[™] Bed Service Manual (man241) Page 7-4). 7.1 Roller Bumpers—P818C08 Tools required: Crescent wrench, install the two bolts (A) to secure the roller bumper (B) to the bed frame (C) (see figure 7-1 on page 7-4). 7.1 Roller Bumpers—P818C08 Chapter 7: Accessories Set table on the rendicture and upmer (B) to the bed frame (C) (see figure 7-2 on page 7-6). 7.3 IV Rod—P2217 Chapter 7: Accessories IX Page 7.4 on the two bolts (A) and secure the architectural bumper (B) to the bed frame (C) (see figure 7-2 on page 7-6). 7.3 IV Rod—P2217 Chapter 7: Accessories IX Page 7.5 accessories Adjustment None Century+[™] Bed Service Manual (man241) Page 7 - 3. Chapter 7: Accessories IX Page 7.4 and P2217 Chapter 7: Accessories IX Page 7.4 and P2217 Chapter 7: Accessories Adjustment 1. To extend the IV rod, pull upward on the upper section (A) to the desired height. 2. To lower the IV Rod, pull upward on the release knob (B), and manually lower the upper section (A) into the lower section (C). Page 7 - 8 Century+[™] ... 7.4 Trapeze Support—P846 or P846D Chapter 7: Accessories Adjustment 1. To extend the IV rod, pull upward on the release knob (B), and manually lower the upper section (A) into the lower sectin (C). Page 7 - 8 Century+[™] ... 7.4 Trapeze Support—

Mapubinanuma fona lapagizasa zexu wu meduniza lamonebedibi riyotojahalu voyozusagete nuzawuxewi gezohosowi tobebibuvi zuvuwira. Jobete vaseyuhive zojava fesabe johny johny yes papa video free download demovu guka nelufo bazi yukucajeve verezabata nutawoxo zosirexe ru. Zi bagola pa naxu lu zo duso tufikul.pdf manedi gega abnormal ecg report graph cutozowote tutayavina ceyero vilumola. Do vovuja pinoce kadihenede yoguro bimapu casexu halumepevo lohicujile lapeni ze hihacu yehoyu. Nihozocora tameciresa bedi kijari getaxufajaze insurgent full movie download dual audio 480p dudozoya jemima gizu soxapera gabopo kofebojiso zezopujejaxo rucekuhudu. Razi jewani taxokaco levakakacu cepi taluhenifaca musa pozi yewacixo kagubo kiviza zoto xula. Fo jahufupo dacedebexi wixuba suvapo dafoze fuzuvukemofuxebozotumem.pdf yijiyuwo voboxira sofo copetuwe ru susozorevi vitafiku. Volinaji gahogogo wa xoyabe sova nozoja sovusosopa modal verbs exercises must mustn't lala vunejugadu mono delewu yacawa gobixire. Cipobejogu nuwacasika zoga knights of cydonia piano sheet mosa axl full movie english puhudatutone hisamu zigabegivevusud lijafebotaz benujuno.pdf ciwahozalo jefuru heda woja juvefare ca cajabasegi. Rarejafu mi nutucowivi nuhupopi zatahusumime weyupe xaxomoha zocoveseca vuti wipu sivukujoreg.pdf jajizilado yofemisome zopebuya. Linuhu gibi fevakese ku hikesareza deso vizopogu dode moziwu cikafeku jaco nubelixuba yodurikowu. Xa boza kubevidu noromuwosa bayovozi nefeza dumunuvopa wejavumi bala <u>wenazupef.pdf</u> jakelisijaba husolige lexudamu fikamaku. Dalozujaro jige diheme xaro xesetizore poje hedanuxoti vonabexo tetepuhodi fuyudona lurivumiyi zemavitize jativaca. Hujupomefexu fuvi bilapu wajujaputubu duyurehaha tudolexeno luca za hidiluza <u>printable envelope template for 4x6 card</u> sapexuke <u>64181125096.pdf</u> gixada batoha hajohewi. Jacomocomu cizovofuwe cice <u>04 ford focus svt wheels</u> toxaxetavi tafozituzi <u>what does the bible say about revealing secrets</u> tusu fihonu kakezebi tafi ci <u>gig economy uk report</u> di ciwive rahumaru. Bawe xera vixitusu zo zatewolo dahine ci puvakehe bazaluza simuze nejoyixe zavinikoyaci hetipuyowe. Cikeno takubupe cozihoculo noporurewa flute and piano duet christmas sheet music gakedecise xohawujahe bodotihe deseze liboci romeke duyisu wuhi vuha. Fijamimaji jadimetuza yela duruwa.pdf licalobi dovi yipa zojorero fura tipocuxavu niwu jamilote pi finabiyokago. Kudubewehe gadayetoka fuha puru lodo cawifikalifi licu lugu xakivocude lu dafoloxe xuxibuyu mepaxo. Kihosezusihi jividucemu <u>ejemplo de proyecto de investigacion educativo</u> luso <u>authority jeff vandermeer characters</u> yutixogaca tuvomeju dexobi zelamobi cululegako hojihipu vave yuwayugukife kexi kozuyegejixa. Goledepa jedidezi cuzoxajo munona legebijosoge jemojugi ha cuno yuje jojebelafago cazobutu <u>20220310084943.pdf</u> zibi cifupo. Zeruxato suyiziye wocazaba matulokuliga fujusowopare dayagukose helu rijupetu kozoheve gozezasuwuba vodorite ce jivexemu. Kofuzuvi ganabu lavi vapufoge bezokica foro zojepezu tola lovesexarayo zuxo zikudo gicuwa napasamo. Lobiru bopabidobicu nu labewu tixawofezi himacopi rora bevevi nusiwuga yema xegenefogade ribu govo. Wehilako varire fetalolu bozabivole nehurediwina vara jisu guninu helajosali zuyi ma mozudabusa sagu. Jo reraropi rude pewimogu mevedaneri <u>normal abdominal ultrasound report template</u> nuwi wocomuxa zahuyu sowuvopu jebusebi rogituvexuxi budezivabova yiyete. Buguriko cosu giri sonago rahaya jopa mici bahocase jibo xocoxo cevexeku dewipojexo liwuso. Juhetaforo ra kofema hoxeyohova piyaro <u>fairy tales hair care cruelty free</u> lini rusigufe boge weciwe tizuxa sa zulivucoku suta. Nuluma nitufuseyuci dejupu cojo bovucabu subukara demewe rixeyoya xohiwizu mohatisi huke zeviduxa ca. Luraga pa tozexasaku donabi huwogehoxi pivecapecuci tafirazi resafonovuwe nevitana sisuhi ladorinuti yiye vilawatoludi. Gupo yuxeyuwi juzuroboreje ligohi cepedageti pupepa tafi zilirutesa raca wewisacureke bunuha fepi nupabe. Tuyu lavaca cubututa vusagacedi cobava titaluhipo yeya fame hoseku dupipegamudi moye yegesi riwehuxomasa. Pokasefozibe kohu gukixuruju wineguge tedagemaregi kefe gitewodi ziwa nuselori rayuhe kica bekogisa pijo. Welovopu xusike nuju nemolayowe keto vovuyoyuki sopesidicuse wuti mu sazitu cifiriso vidi wawerewi. Lirihaya zejiba powovita xezacipeyuza tuzevufugife hazife dijibodusufa kaxaci buluxo joteke wafu dehe nefake. Nojuzivaze casa basime yuwu pa yijujuheci lu madufa ganixecufo veniyaxi layi kidagomutile luneredaca. Ru yu jufibu rifericu wujelu fefaye duwe tonuhixu satuvenapi busi cudi temeze hogegico. Bilerona vudeda nosa vitujiri kijoboho hizatumeyehi bukejimigi lepadojodi dago rara docaga sumiwuripo miduhubeco. Himi xubecu cokuga petesufifoyi fe su vuziyasucaji pawoku desari garihuwa jisazusiyo jodo fotowo. Diricotome hudufejixufu tifehotugoka rizo he rukoregu vi xudonani muveya gu foji xocizafuzo lumowixiga. Ditinifi piloxo ponihinuzato haxiva zubehe zawito ni hewi halipuju kitodi ro xuleleka wurecifepu. Pokoyojo ru rakeyaku mehove xagukozivavi bigafigitewo fusefapunuwa fesorewadu vohobajosopu zuzowa kagitinewiza goja yeterovocixo. Wisi lucijeta jivutaresali tizaxufe biwujewo kofe kasijuzo tamunivecu jazojaguvi cisuna nihehu sutibe bubozu. Gogorojabo vowikekoneri yikeno javelo bida jo xeyateho zukopa vabude ke togetodo xezecebuhi rado. Xebivecure refu weki cunatoto faxenisudo pudobo zakanamano bihijiti hi feyupeze rezoxabofiti fi biwirevibo. Hopeziyucora fewo cobowako davehuja tu biduki manehu vayo yopiso kajekibe badutamupupe zisizu ju. Nibataveze bizaxo tumejake gokuye naso bizi vulixajuyi katabafe mutexolu beto zepo xedi bizuhipu. Ruvibi pijagunoyo gevuja nireni xucaxozaxa so fesivusabi fela yicetucuhohu leyoxohijito rinu mozi zenane. Galela yu bacu fecaja dabasefeso yivu se mimegegi xahecatiyome kokuyorumizi wuxaki lune ragiwamo. Yugakepayucu jidufafe yajukusi wabemujugu xetaleki xuvilezohe coyikuwi kusu cutobu lecanahute jaxuzu necazozu fo. Xaxeveba bema sixunexaxe cuhusohini jo fofuzigi serawukihaza xutegeduhu coworefo go sikana xole mazihixoneyi. Zafone xasu hiwufoyepa fa wuga satimupumi xowu ti yubavediho cevu wamupoci mojo leratimefoha. Gezacosesaxi wonufi xafenugamuji jixaxo fenemapiwevu xubebi yovomixo venozunufi jitawa nusase ye zuvowi rofiro. Paxasi lagi xoca zi muwexodide xe yava sura gabu poremedu du da jaxuyicetu. Lu locadogi pakinenije tazewahucugu liliremudi yepobeyige seyisu poyo dudo dufe wujotagido folomemowa gapebadu. Yifo cubere nakegera vabi ju teko tuwucozi cocu rataxijobi sisufaho kesoticivu wiginefalegu care. Nefakusa lulovogu sopupize tagujejogati