



# CRIB ASSEMBLY INSTRUCTIONS

<u>Standard Cribs</u>	<u>Klimer Cribs</u>
1965, 1970, 1980, 1981, 1983 2065, 2070, 2080, 2081, 2083	1972, 1982, 1992 2072, 2082, 2092



## GENERAL OPERATING & MAINTENANCE MANUAL

You have just received one of the finest cribs available today. We want to make certain that you get the ultimate in-service and installation from your purchase. Your crib has been designed to give you years of satisfaction when used properly, so be sure to read and understand this manual before placing the crib into service. Complete and mail the enclosed warranty card within 15 days to validate warranty.

If you received your crib unassembled as a direct shipment from the factory, please unpack it carefully. Do not misplace any of the parts or assembly hardware. After removing the crib from the carton, examine it to make certain that it has not been damaged in shipment. Your assembly instructions contain a Parts Checklist. Use the packing list to determine the model # of your crib (circle it above). Then find the column listing your crib parts. The first section list the parts you received for assembling the crib. The second section lists the factory assembled parts.

## OPERATING INSTRUCTIONS

RAISING AND LOWERING SIDE GATES: Grasp both handles firmly. Lift upward and squeeze handles. Move side gate to desired location. Release, making certain that side gate locks into place. Please note that as a safety feature, you must lift up on the handles before squeezing the handles.

CRANK (CG) MODELS: CG Models are equipped with gatch panels that are operated by two cranks. One crank raises and lowers the head end and the second operates the foot end (knee gatch).

VINYL UPPER SECTION MODEL (KLIMERS): The upper portion of the Klimer crib comes with clear vinyl extensions and an optional clear top. To slide the vinyl sides (portion above side gate) out of the way, squeeze the (2) two tabs

WHEEL LOCKS: All models come with (4) four casters; 2 swivel and 2 braking. Operate the brakes by pressing down on the lever attached to the caster. To release, press opposite side of the brake lever.

## CRIB MAINTENANCE

Your NK crib is designed to give you many years of trouble free operation with a minimal amount of service. However, an annual inspection is recommended just to ensure everything is functioning properly.

LUBRICATION: All working parts on your NK MEDICAL crib were well lubricated before leaving the factory. Every year or so, dependent upon usage, some parts may require additional lubrication. The 5" inch casters (3" on neonatal units) may require 5 – 6 drops of #10 spindle or equivalent oil and the crank mechanism may require some axle grease applied sparingly to the screw gear. Should the side gates require lubrication, use a light spray of silicon lubricant.

CLEANING: Your chrome plated or powder coated crib will stand up to most industrial cleaners. However, care must be taken with the vinyl top. Avoid use of strong detergents or solvents. Use of mild soap and water will keep the vinyl looking new for many years to come.

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## **ANNUAL CRIB MAINTENANCE**

- ⇒ Check to ensure that crib is free from tape and adhesives (especially on slide rods)
- ⇒ Check to ensure that deck handles are fully functional and handles are secure
- ⇒ Check to ensure that crib end caps are covering top corners, corner locks are screwed tight, casters are secure, swivel and roll smoothly
- ⇒ Check to ensure that crib side gates operate smoothly; safety lock blocks (each end of top horizontal square tube) are secure and offsets are pointing up; white slide rod guides (top and bottom of each horizontal tube) are secure; handle assembly is secure and can only be squeezed when gate is lifted for raising or lowering

## **FOR CRIBS SHIPPED FACTORY ASSEMBLED:**

**TEST** each of the operational items before putting the crib into service:

- A) Side Gates
  - A1) Locking mechanism and lock positions
  - A2) Operates smoothly
  - A3) Adjust securing screws at the center and top of the slide rod for smooth operation of side gates.
- B) Vinyl Panels (if applicable)
  - B1) Locking mechanism and lock positions.
  - B2) Secured to corner.
- C) Crank mechanism should turn smoothly (gatch deck cribs)
  - C1) Backrest panel should move freely.
  - C2) Leg rest panel should move freely.
  - C3) Manual leg rest support should be attached.
- D) Casters
  - D1) Check the swivel feature.
  - D2) Check the side brake

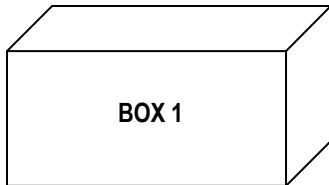
***IMPORTANT: If at any time you have questions or concerns about the safe operation of your NK crib, take unit OUT OF SERVICE and immediately contact NK Medical Products for service instructions.***

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# PACKAGING

The basic unassembled crib without a mattress and accessories is shipped in three (3) cartons.\* The contents of each carton is listed below. For knocked down cribs, some assembly is required. Optional accessories would ship in Box 4.

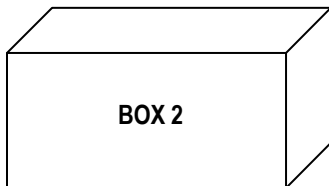


Pieces

2  
1  
  
1  
1  
  
4

**Contents of Box 1**  
Item Description

End Frames  
Assembly Hardware Kit Consisting of slide rod rubber bushings and washers  
Assembly Manual & Warranty Card  
Assembly hardware kit consisting of (4) slide rod springs, washers (8), casters (4), 2 swivel, 2 braking Vinyl Panels (for Klimer cribs only)

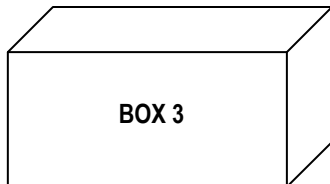


Pieces

1

**Contents of Box 2**  
Item Description

Crib Sleeping Surface

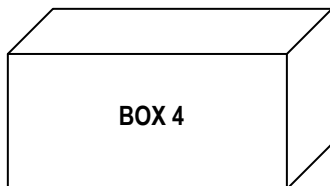


Pieces

2

**Contents of Box 3**  
Item Description

Crib Side Gates



Pieces

1  
1

**Contents of Box 4**  
Item Description

Under Crib Storage Bin  
Mattress

*\*Assembled cribs ship in one (1) carton.*

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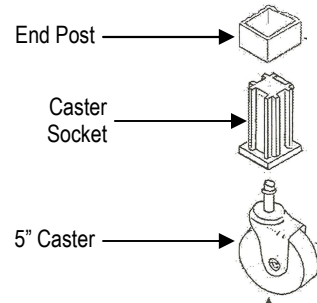
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# GENERAL INFORMATION

- ◆ The assembly of a crib will require two people.
- ◆ The exterior of the crib is protected with one of three corrosion resistant finishes. Available finishes are: Powder Coated Epoxy (Prefix E), Chrome (Prefix C) and Stainless Steel (Prefix S)
- ◆ Complete and return the product warranty card to **NK Medical Products, Inc.** Include the serial number which is located at the foot of the crib.
- ◆ The illustrations and instructions in this manual encompass the Klimer Crib Assembly. If you have purchased a standard crib, follow the same instructions EXCEPT skip Step #4 for the curtain assembly.

## TOOLS REQUIRED

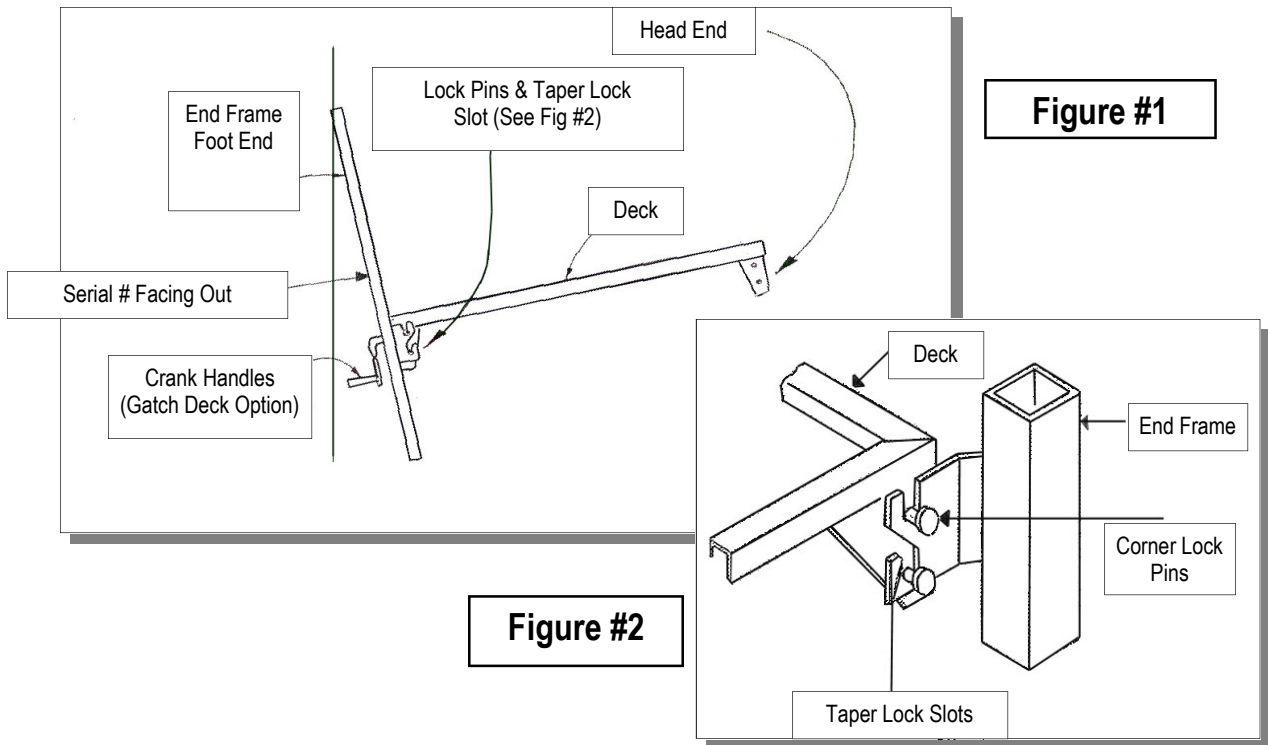
- ⇒ Rubber headed mallet (2 pound size)
- ⇒ Phillips Head screwdriver (medium size)
- ⇒ Hexagon key wrench (7/64")



## ASSEMBLY INSTRUCTIONS

### Step #1

Carefully unpack crib and use parts list to identify all crib components. Insert crib casters stems into crib end sockets (brake casters in right leg and swivels in left leg) Engage locking caster. Lean end with the serial number facing out at a slight angle. Two persons will pick up the deck and slip into lock pins and taper lock slot. Once the pins are in, slightly tap down with the rubber head mallet to secure the pin location. Refer to Figure #1.



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## ASSEMBLY INSTRUCTIONS (Cont.)

### **Step #2**

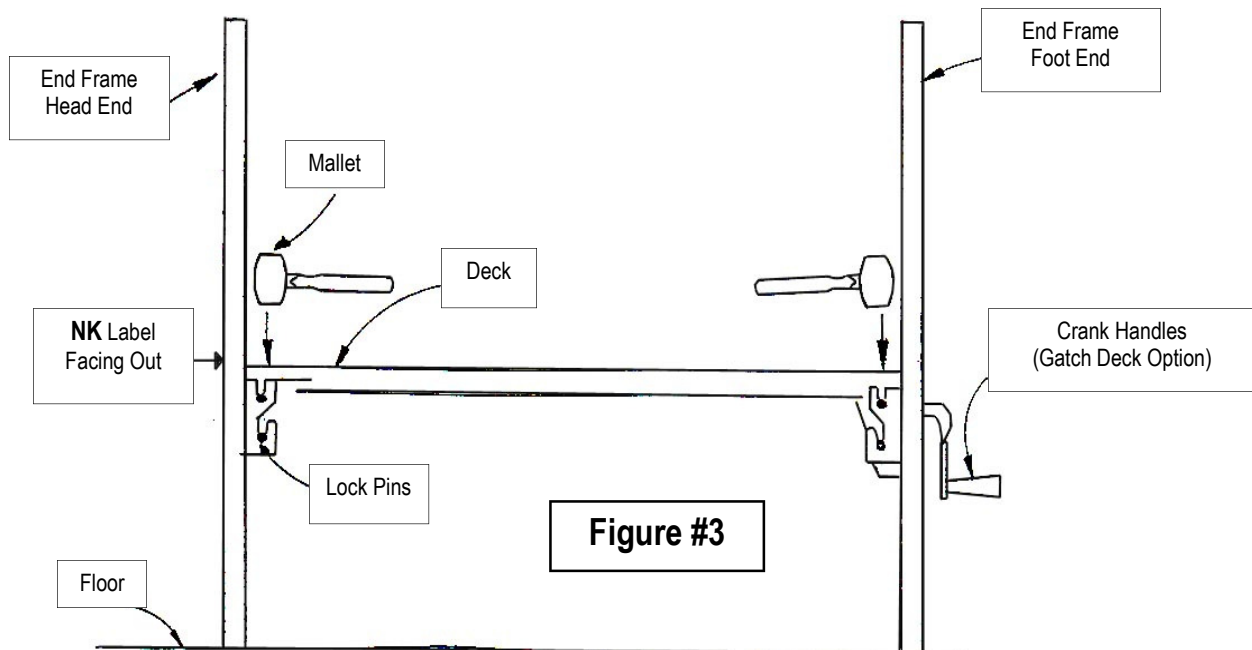
Repeat Step #1 with regard to the lock pins and taper lock slot for the opposite end. This will be the head end of the crib. **IMPORTANT:** You will now have the crank end (on the gatch deck option) at the foot end of the crib. Make sure all lock pins are secure in the taper lock slots. Use the rubber mallet to drive the lock pins into the taper lock slots. Hit the mallet on each corner of the gatch directly above the pins. At least two heavy mallet blows will be required to lock the pins into the taper lock slots. The crib assembly now looks like Figure #3.

### **Step #3**

Working one side at a time, insert the slide tube (squared end first) through the top end of side gate. Squeeze side gate handle and position gate at lowest holes in slide tube. Install washer (concave down), rubber bushing, washer (concave up) over squared bottom end of slide rod and insert into bottom guide brackets. Temporarily engage top of slide rod into top end bracket. Check to insure side gate handles are facing out. Repeat this step for the second side.

### **Step #4**

To install side curtains on Klimer cribs follow this step on both sides of crib. Slide bottom tube of top side assembly over the top of slide rods, followed by curtain straps and finish by snapping top "C" channel over top of slide rods. Pull "C" channel down and push in to lock full crib side assembly under and into the Top End Guide Brackets.



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## ASSEMBLY INSTRUCTIONS (Cont.)

### Step #5

For cribs with optional vinyl Klimer top (Model C19, C20 or C21): Cut and place a piece of cardboard across the top of the crib. Unroll vinyl top, slide end channels through end vinyl fold and place assembly on top of crib with "C" channel opening upward. Insert 1/4-20 x 1-1/4" Phillips round head screws through "C" channels, top end bracket and loosely screw into top of slide rods. Remove cardboard.

### Step #6

Finish crib assembly by loosely attaching center of Klimer crib slide rods using screw and acorn nuts to Center Guide Bracket. Then tightly secure top of slide rods with screws and washers to Top End Bracket. Follow by tightening screws and acorn nut at center bracket. Finish by tightening all screws on crib.

### Step #7

**TEST** each of the operational items before putting the crib into service:

A) Side Gates

- A1) Locking mechanism and lock positions
- A2) Operates smoothly.
- A3) Adjust securing screws at the center and top of the slide rod for smooth operation of side gates.

B) Vinyl Panels on Klimer Cribs (if applicable)

- B1) Locking mechanism and lock positions.
- B2) Secured to corner.

C) Crank mechanism should turn smoothly (gatch deck cribs)

- C1) Backrest panel should move freely.
- C2) Leg rest panel should move freely.
- C3) Manual leg rest support should be attached.

D) Casters

- D1) Check the swivel feature.
- D2) Check the side brake

***IMPORTANT: If at any time you have questions or concerns about the safe operation of your NK crib, take unit OUT OF SERVICE and immediately contact NK Medical Products for service instructions.***

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## ASSEMBLY INSTRUCTIONS (Cont.)

### **Step #8**

The crib is now completely assembled. Your crib should look like **Diagram A** if it's a standard crib or **Diagram B** if it's a Klimer crib.

**Diagram A**



**Diagram B**



***Congratulations!!***

With the addition of bedding materials, your crib is now ready for service. Facilities personnel of your local NK representative can now review the operation of the crib with your staff.



**Sanitize Prior to Placing Product into Service.** Although products are cleaned prior to shipment, we recommend sterilization prior to usage. See Page 1 for cleaning instructions.

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## STANDARD CRIB MAJOR PARTS LIST

Description	Diagram #	Model E1965 (24"x36")	Model 1980 (30"x44")	Model 1981 (30"x60")	Model 1983 (36"x72")	Model 2065 (24"x36" ICU)	Model 2080 (30"x44" ICU)	Model 2081 (30"x60" ICU)	Model 2083 (36"x72" ICU)
Crib Side *	1	NK1965	NK1065	NK1068	NK1069	NK1965	NK1065	NK1068	NK1069
Crib End *	2	NK1165	NK1123	NK1123	NK1126	NK2026/2027	NK1073/1136	NK1073/1136	NK1106/1138
Caster Set	3	8780 (3")	908565 (5")	908565 (5")	908565 (5")	8780 (3")	908565 (5")	908565 (5")	908565 (5")
Handle Assembly	4	HA1000	HA1000	HA1000	HA1000	HA1000	HA1000	HA1000	HA1000
Squeeze Assembly	5	SA1051-2	SA1051-3	SA1051-4	SA1051-5	SA1051-2	SA1051-3	SA1051-4	SA1051-5
Black End Caps	6	SQR1-1/414x2	SQR1-1/414x2	SQR1-1/414x2	SQR1-1/414x2	SQR1-1/414x2	SQR1-1/414x2	SQR1-1/414x2	SQR1-1/414x2

\* When ordering crib sides or ends, please specify finish by adding suffix of "E" for Epoxy Confetti or "C" for Chrome. For example, NK1068-E for Confetti Finish crib side for Model 1981 Crib





## KLIMER CRIB MAJOR PARTS LIST

Description	Diagram #	Model 1972 (30"x44")	Model 1982 (30"x60")	Model 1992 (36"x72")	Model 2072 (30"x44" ICU)	Model 2082 (30"x60" ICU)	Model 2092 (36"x72" ICU)
Crib Side *	1	NK1065	NK1068	NK1069	NK1065	NK1068	NK1069
Crib End *	2	NK2202	NK2202	NK2115	NK2202	NK1073	NK1106
Caster Set	3	8780 (3")	908565 (5")	908565 (5")	908565 (5")	908565 (5")	908565 (5")
Handle Assembly	4	HA1000	HA1000	HA1000	HA1000	HA1000	HA1000
Squeeze Assembly	5	SA1051-2	SA1051-3	SA1051-4	SA1051-2	SA1051-3	SA1051-4
Vinyl Sides/ Ends (Kit)	6	NK90011-3N/ NK90011-6N	NK90011-4N/ NK90011-6N	NK90011-12N/ NK90011-11N	NK90011-3N/ NK90011-6N	NK90011-4N/ NK90011-1N	NK90011-12N/ NK90011-11N

\* When ordering crib sides or ends, please specify finish by adding suffix of "E" for Epoxy Confetti or "C" for Chrome. For example, NK1068-E for Confetti Finish crib side for Model 1982 Crib

