

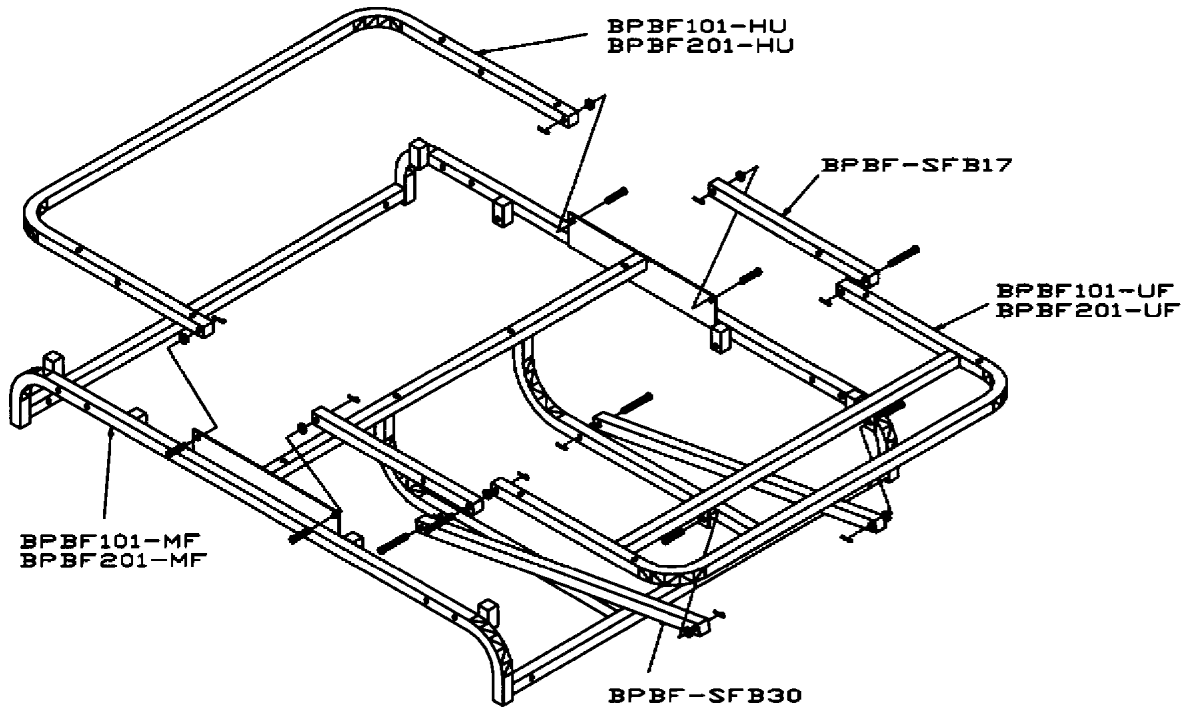
# ADJUSTABLE BED SERVICE MANUAL

**SERIES – 3101 - 4101**

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# BED FRAME COMPONENTS

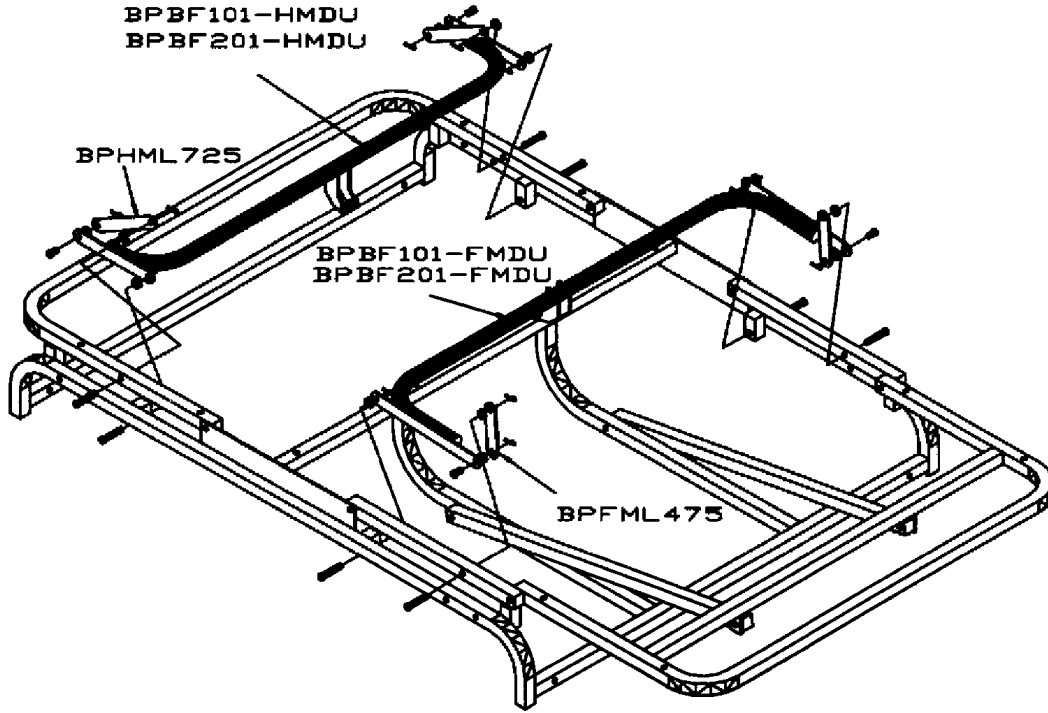


(FIG. 1)

## ILLUSTRATION OF A FULL SIZE BED FRAME

COMPONENTS	DESCRIPTION
BPBF101-MF -----	Main Frame -Twin
BPBF201-MF -----	Main Frame - Full/Queen
BPBF101-HU -----	Head "U" - Twin
BPBF201-HU -----	Head "U" - Full/Queen
BPBF101-UF -----	Foot "U" – Twin
BPBF201-UF -----	Foot "U" – Full/Queen
BPBF-SFB30 -----	Foot Bars
BPBF-SFB17 -----	Knee Bars

# BED DRIVE COMPONENTS



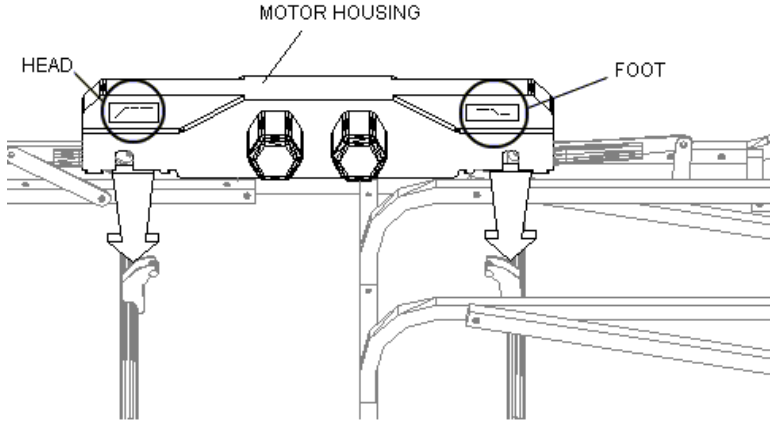
(FIG. 2)

ILLUSTRATION OF A FULL SIZE BED FRAME

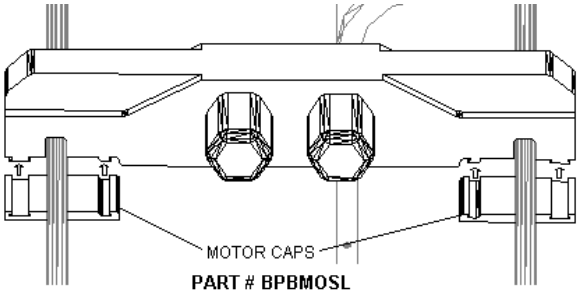
COMPONENTS	DESCRIPTION
BPBF101-HMDU -----	Head Drive "U" – Twin
BPBF201-HMDU -----	Head Drive "U" – Full/Queen
BPBF101-FMDU -----	Foot Drive "U" – Twin
BPBF201-FMDU -----	Foot Drive "U" – Full/Queen
BPHML725 -----	Head Drive Link
BPFML475 -----	Foot Drive Link

# MOTOR INSTALLATION

PART#	DESCRIPTION	PART#	DESCRIPTION
BPBMO-A -----	3101 MOTOR	----- BPHC-A -----	HAND CONTROL
BPBMO-IR -----	4101 MOTOR	----- BPWHCV -----	HAND CONTROL



**(FIG. 3)**  
**ILLUSTRATION OF BED FRAME MOTOR (UPSIDE DOWN)**



**(FIG. 4)**  
**ILLUSTRATION OF BED FRAME MOTOR (UPSIDE DOWN)**

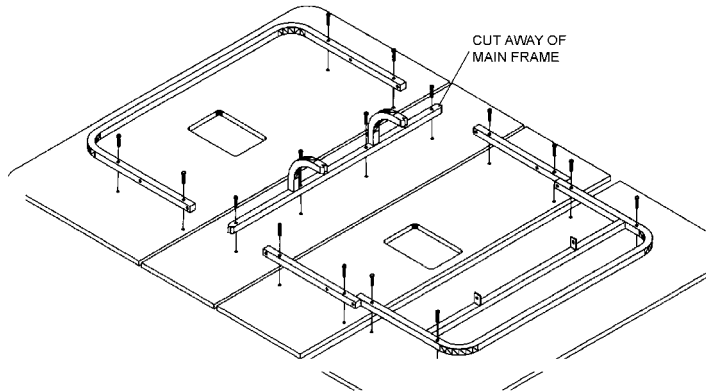
## INSTRUCTIONS:

**With bed in the flat position, unplug the motor from the electrical outlet.**

The following describes the installation of a motor; removal is the reverse of these procedures.

1. Locate motor (**Motor has head and foot section markings**) as shown in Fig.3, and push firmly until completely seated on the "Drive Bars". Fig.4 shows the motor in the correct position.
2. Align a "Motor Cap" with its mating grooves on the motor housing. Slide the cap onto the housing. Repeat this procedure on the opposite cap.
3. Connect the hand control (and vibrators if installed) to the motor.
4. Plug motor into the electrical outlet. This completes the installation.

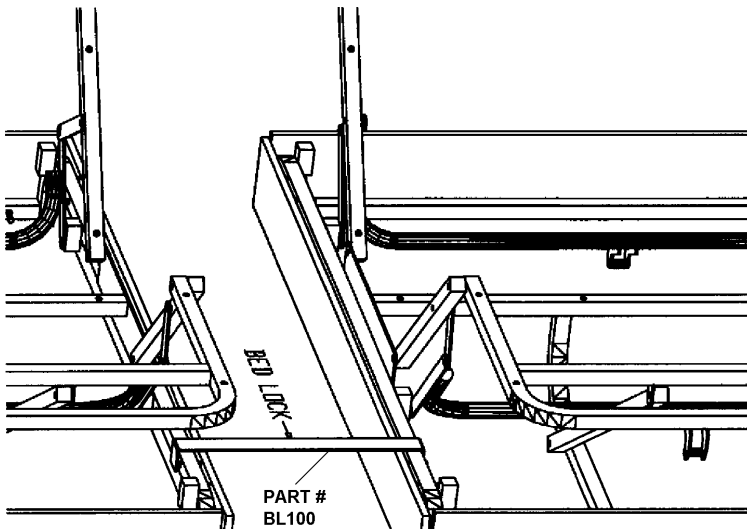
## FRAME TO PLATFORM INSTALLATION



(FIG. 5)

ILLUSTRATION OF A FULL SIZE BED FRAME

## BED LOCK INSTALLATION (King Only)



1. Operate the foot sections, of the bed, to the raised position.
2. Place the lock as shown in the illustration.

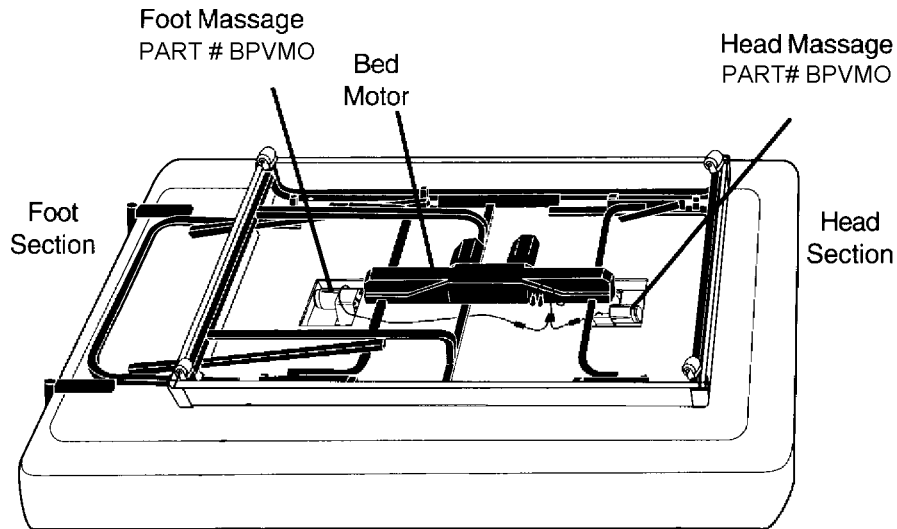
NOTE: If there is a headboard attached to the beds, only one lock is required.

If a second lock is needed:

1. Operate the head sections, of the bed, to the raised position.
2. Place second lock at the head section of the bed.

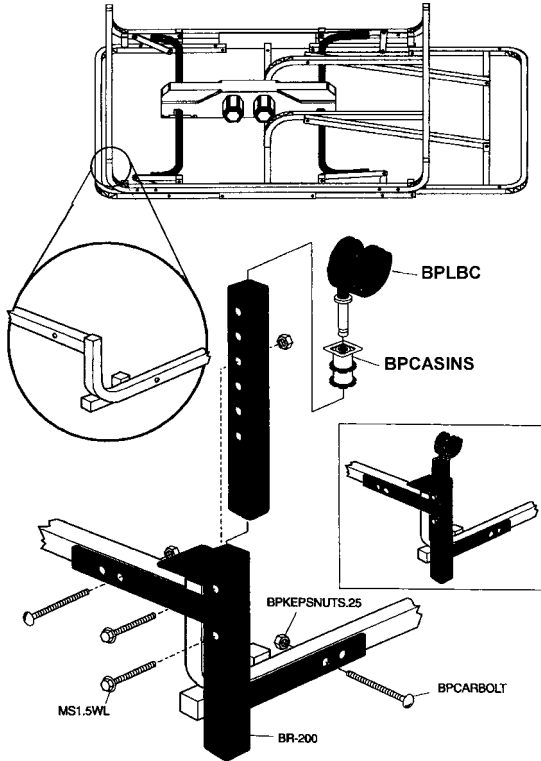
# OPTIONAL COMPONENTS

## VIBRATOR INSTALLATION (Massage)



1. Unplug from electrical outlet before removing defective vibrator. Disconnect the vibrator from the bed motor.
2. Using a 7/16" socket, remove all 4 lock nuts.
3. If the vibrator mounts look worn, cracked or broken, they must be replaced.
4. Screw one end of rubber mount into the t-nut.
5. Place the new vibrator over the mounts & set into place with 1/4" lock nuts (BB5505).
6. Connect the vibrator cord to the bed motor, and plug bed into receptacle.

# BED RISER INSTALLATION



- HARDWARE IN KIT:**
- 8 BPCARBOLT ----- 2 ¼"
  - CARRIAGE BOLTS
  - 16 BPKEPSNUT 25 ----- ¼" X
  - 20 KEPSNUT
  - 8 MS1.5WL ----- 1 ½"
  - WHIZ LOCK BOLTS
  - 4 BPCASTINS4 -----
  - CASTER INSERTS
  - 1 BP-200 ----- SET
  - (4) BED RISERS WITH POSTS

**INSTRUCTIONS:**

1. Set bed upside down. It is very important that you do one corner at a time.
2. If you are working with a 3100 series, proceed to step 3. If you are working with a 4100 or 5100 series bed, remove the carriage bolts that attach the wood trim to the frame of the bed. (The 8 carriage bolts supplied will not be needed.)
3. Set a riser in a corner of the bed; there are 2 left and 2 rights.
4. Select the proper holes for mounting with the carriage bolts. Wood trim beds, (4100 & 5100 Series) use the outside holes, metal frame beds (3100 Series) use the inside holes.

**HEIGHT ADJUSTMENT:**

2", 3" or 4" Lift Needed – Install caster insert (supplied) into the 1" x 1" post where holes start 1 ¼" from edge of post.

5" or 6" Lift Needed – Install caster insert (supplied) into the 1" x 1" post where holes start 3 ½" from edge of post.

5. Slide post into bed riser corner, insert should be visible.
6. Select hole position for proper height requirement.
7. Use two ¼" x 1 ½" whiz lock bolts through the holes & lock in place with ¼" x 20 kepsnut.
8. Repeat with remaining three corners.
9. Insert casters and reposition the bed.

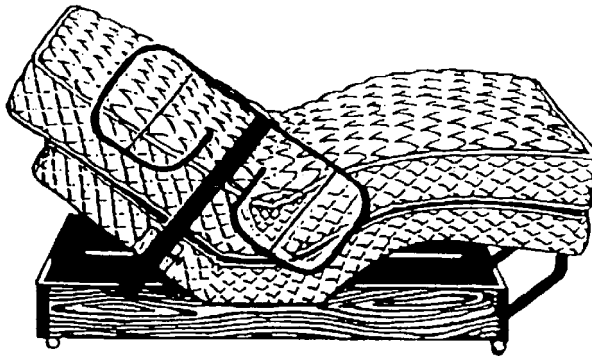
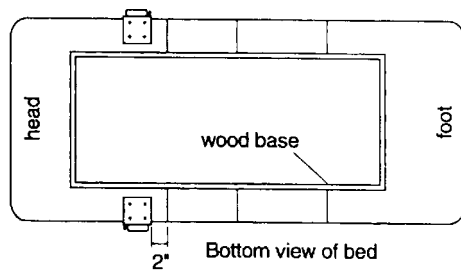
# BED HALF RAIL INSTALLATION

## PARTS LIST FOR HR100

- 8 BP101 ----- 5/16" T-nut
- 8 BBWASH ----- 5/16" Lock Washer
- 8 BP102 ----- 5/16" Bolt
- 2 H RAIL ----- Bed Rail

## TOOLS NEEDED

- ½" Wrench or socket



## ASSEMBLY INSTRUCTIONS

1. Raise the head section of the bed.
2. If the bed has predrilled holes for the mounting brackets, go to step 5.
3. Position a mounting bracket as shown in the above illustration. Mark the four hole locations and drill a 3/8" hole through the wood base at each location. Repeat for the opposite bracket.
4. Place 5/16" flat washer onto a bolt. Insert bolt into hole, and hand tighten to thread into a t-nut. Then use wrench to tighten bolt to draw prongs of t-nut into the platform. (Make sure the t-nut does not spin in the process.) Tighten until flat washer is snug against the bed platform. Remove bolt; follow the same procedure on all 8 holes.
5. Align the mounting brackets with the holes, start all 8 bolts with your hands, then tighten with wrench.