

User Manual-----WICASTLE KBED530

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Control Panel

Emergency Stop
Push to stop
Turn clockwise to reset

Power Switch
Always switch to
MANUAL MODE
before turning ON power

Left Roller
Manual Control

Left Roller
Rolling Range Setting
(Press and Hold for 1 second to set)
Right Roller
Rolling Range Setting
(Press and Hold for 1 second to set)

Holding Time Setting Knob
10min - 30min

Mode Setting
Center: Manual/Setting Mode
Right: Fast Test Mode
Left: Normal Operation Mode

Settings Control

Right Roller
Manual Control

Move Left
Move Right
Wind Roller
Unwind Roller
Press and hold for action
Release to stop action

RollerWinding Home Position Setting
DO NOT TOUCH

Circuit Breaker
for linear motion
☐ Tripped
☐ Normal Push to reset

Unwind Roller
Wind Roller
Move Right
Move Left
Press and hold for action
Release to stop action

Power Supply
Keep power cable under roller cable

Patient Preparation

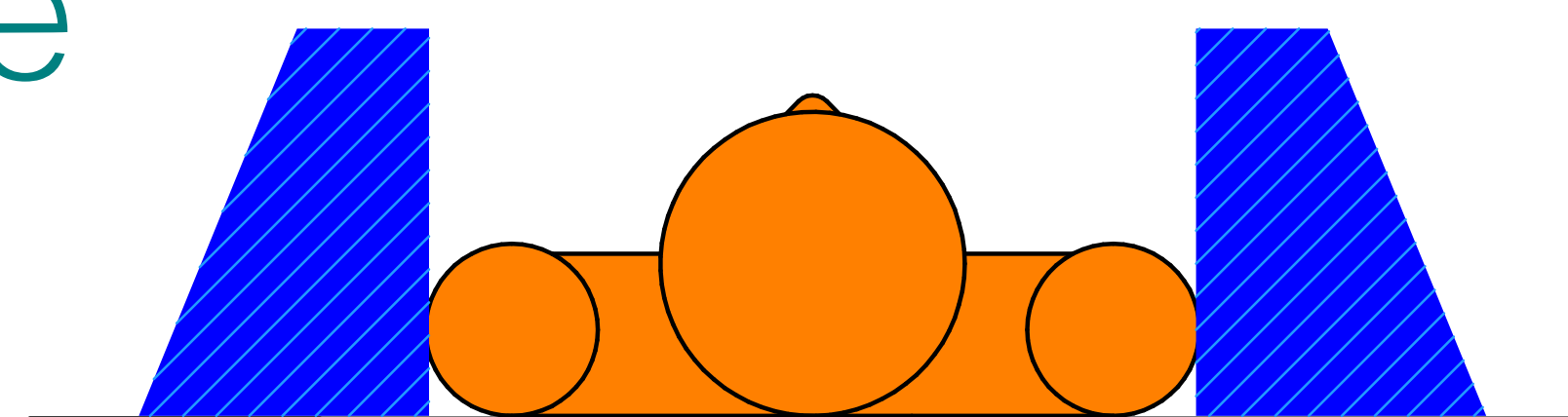
- Wear enough clothes to keep warm
- Wear arm bag for sleep or arm disability during the day
- Wear clothes rough enough to keep friction against rolling sheet
- Wear adult diapers if necessary
- Keep hair clamped or trimmed to prevent getting caught
- Remove shoes and all loose earrings,necklace and jewelry
- Do NOT use comforters
- Remove sharp and hard items from pockets
- Remove feed/injection/IV tubes, catheters and cables

Room and Environment Preparation

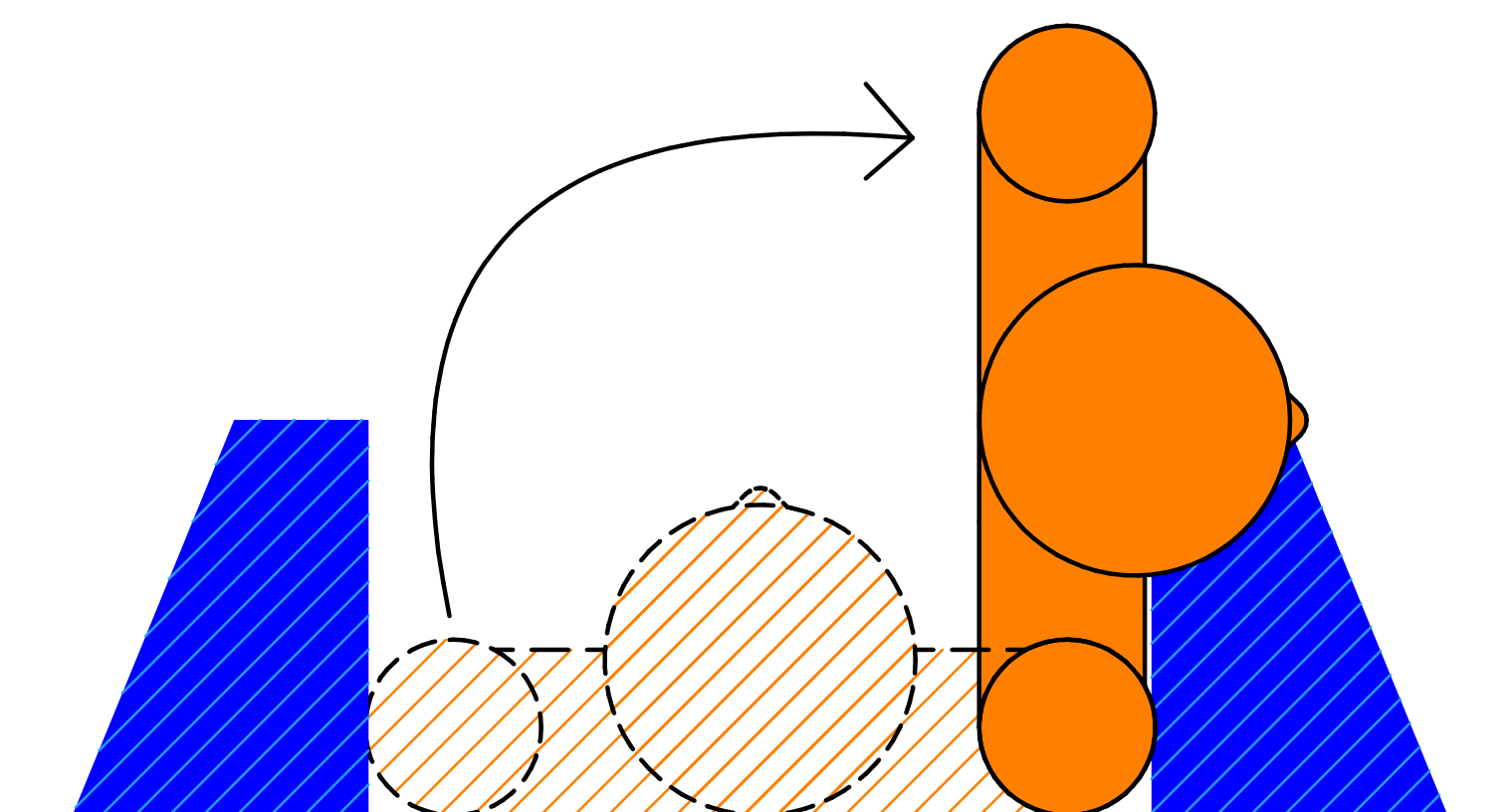
- Minimum 2 ft clearance all around the bed
- Remove packaging of mattress
- Attach rolling sheet to rollers, cover sheet to mattress
- Check for damage and loose parts on bed
- Turn and disengage emergency stop button

Body Position Sequence

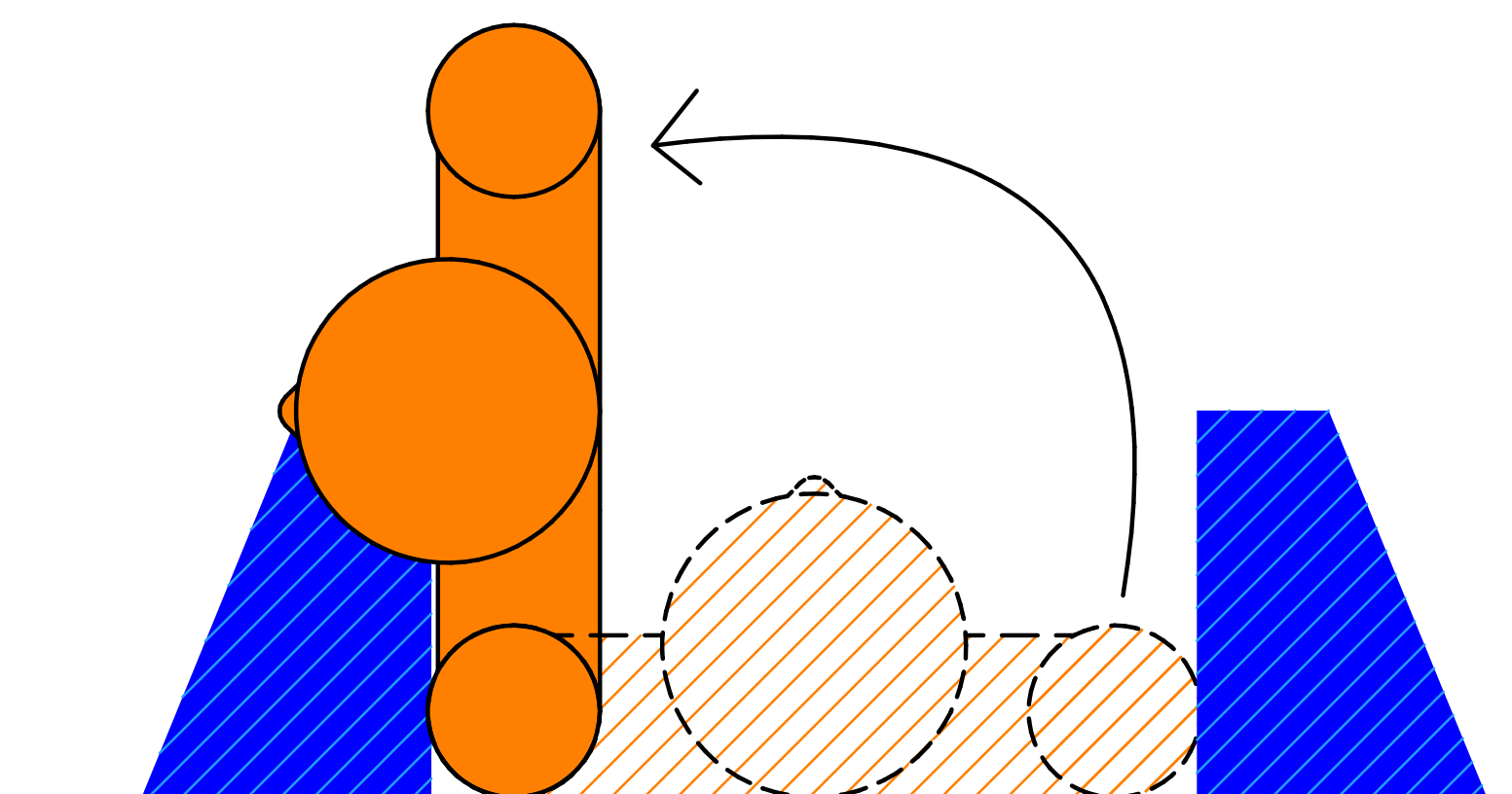
① — Initial Position



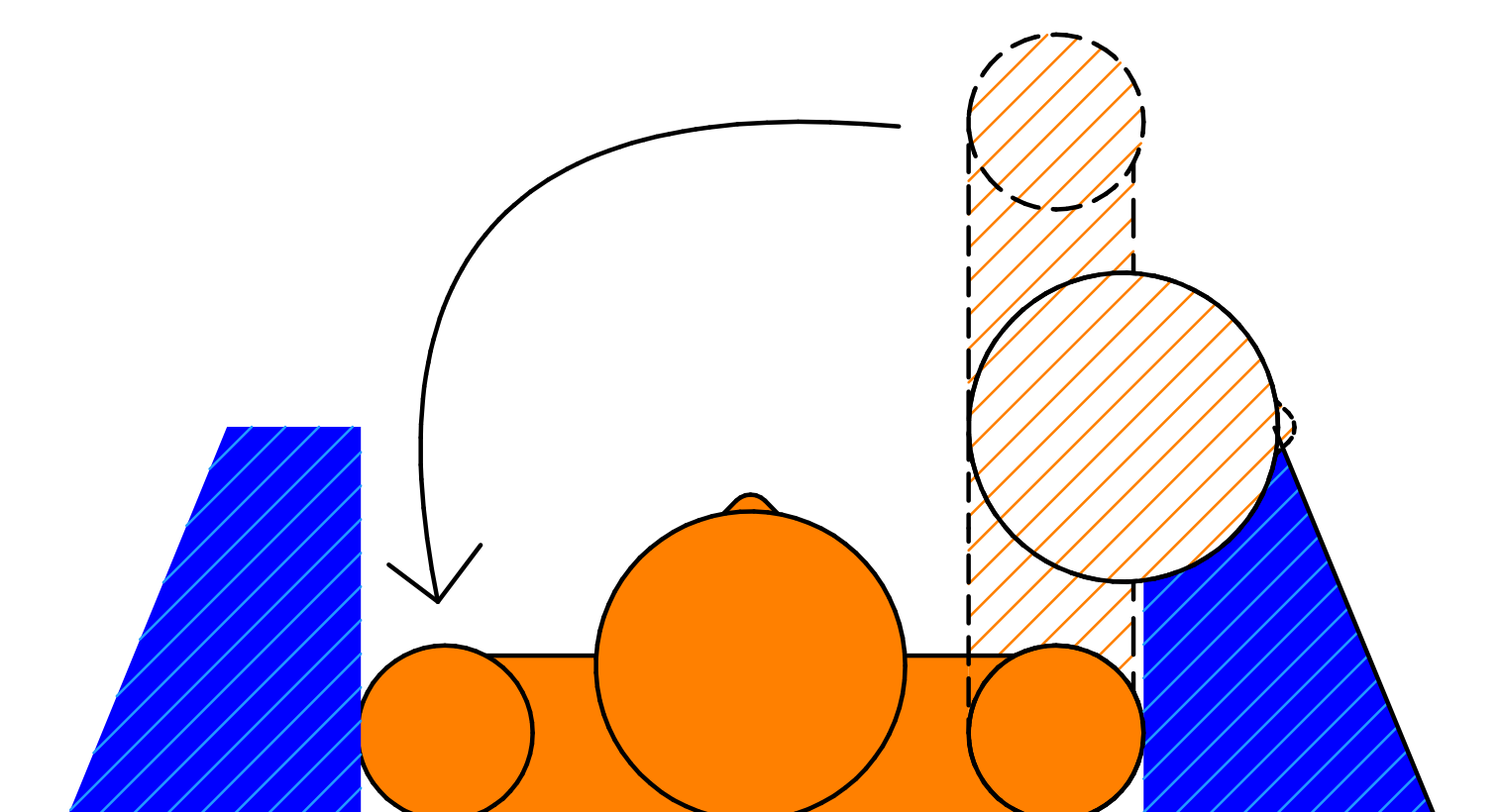
② — Flip from back to right



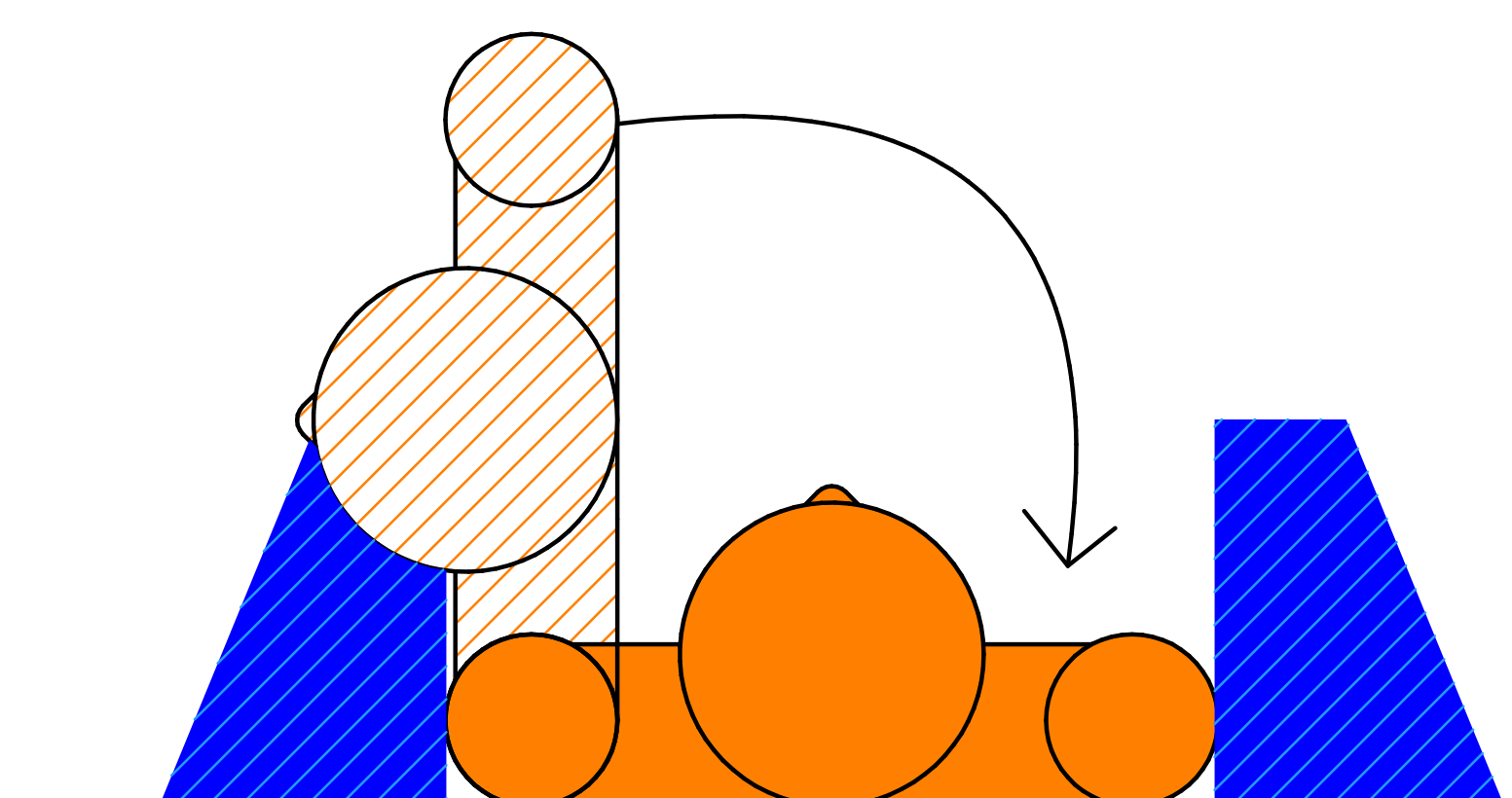
③ — Flip from back to left



④ — Flip from right to back

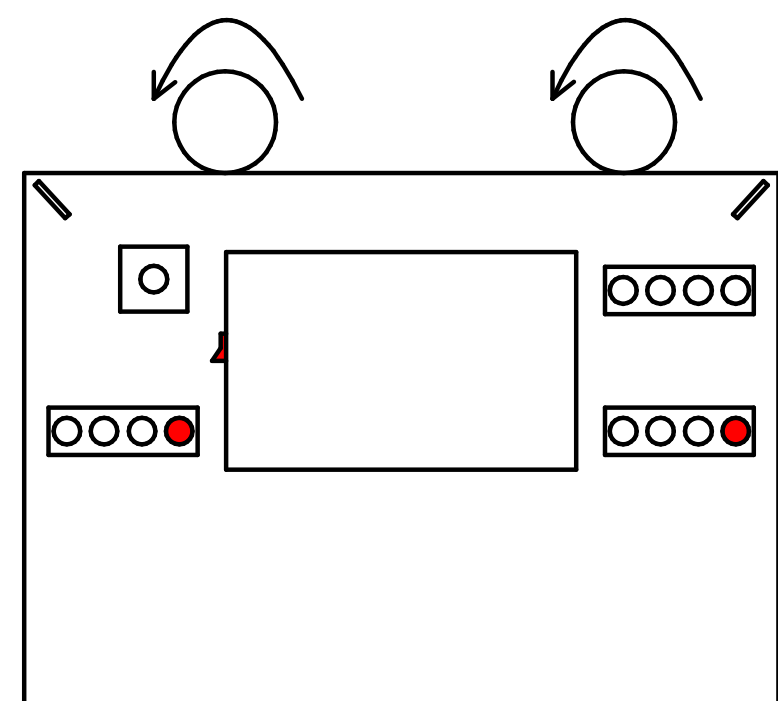


⑤ — Flip from left to back

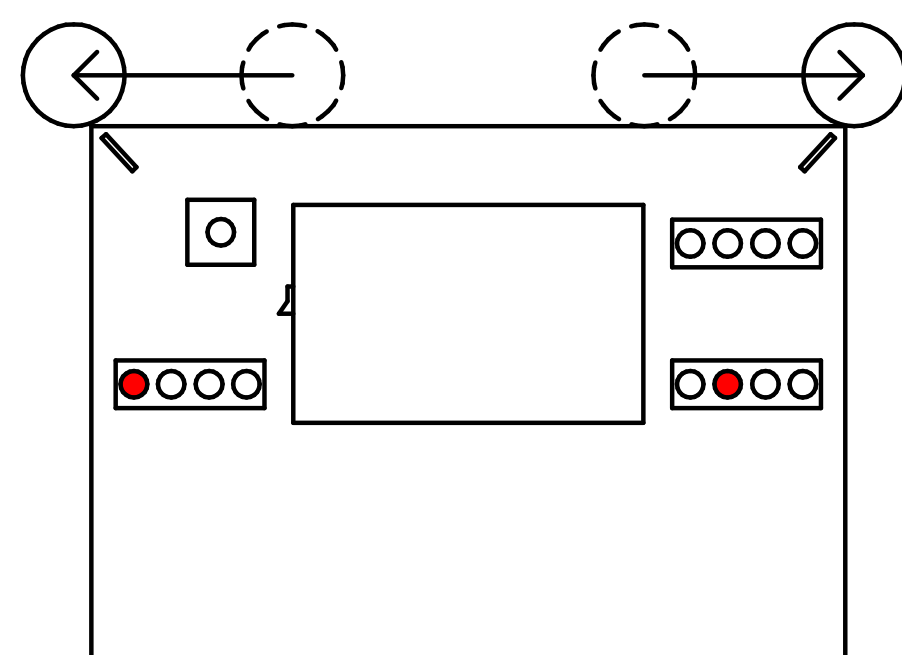


Wear arm bag or move arm before each turn to the side to keep distance between arm and torso to avoid landing on the arm instead of the torso

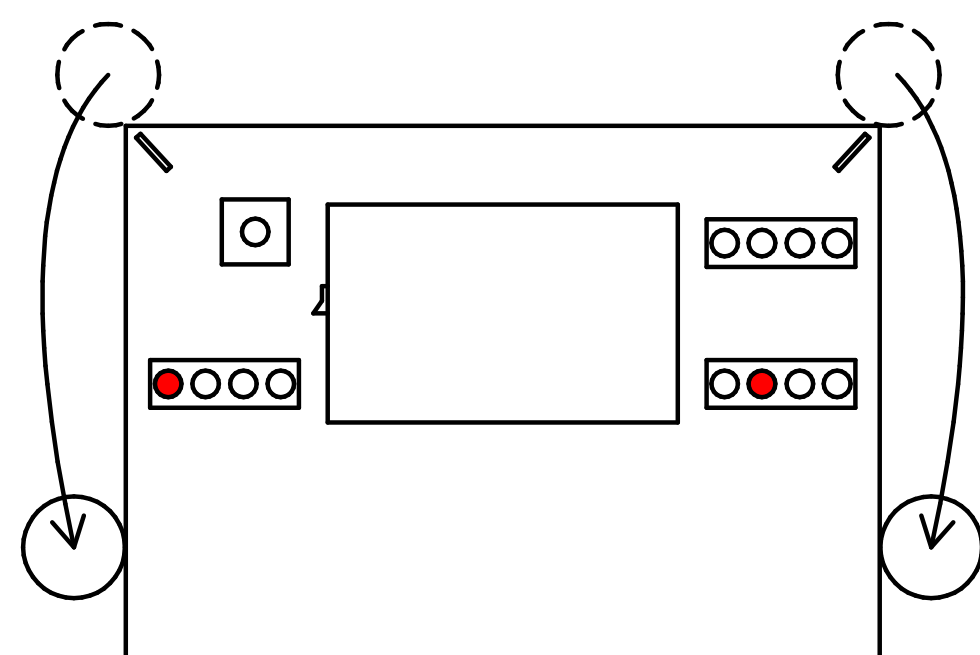
- 1 — Turn mode switch to center position (manual mode)
Turn ON power
Unwind both rollers with manual control buttons
(Rolling stops automatically at home position)



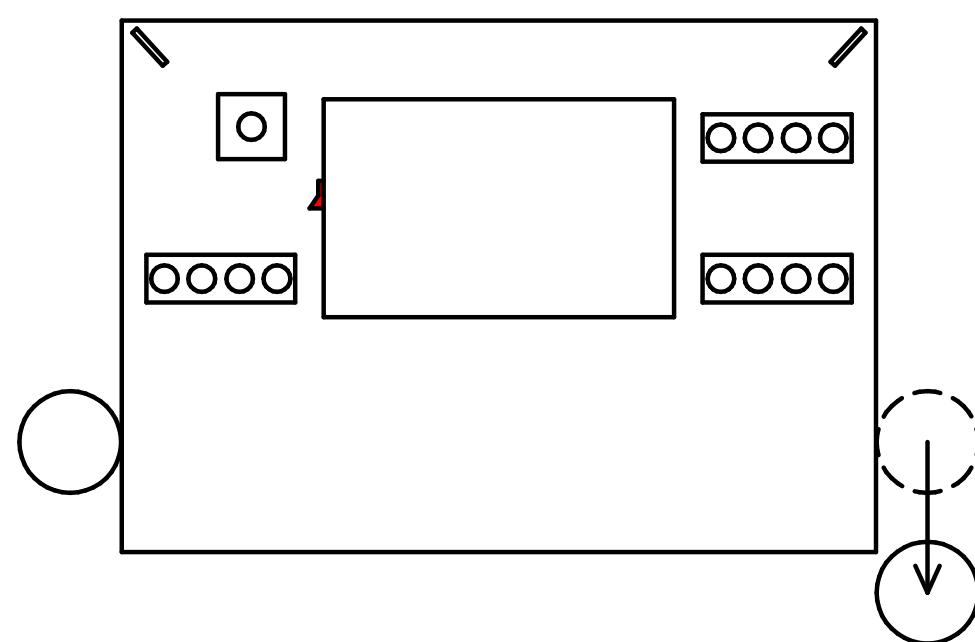
- 2 — Move both rollers to upper corners with manual control buttons



- 3 — Move both rollers to home position with manual control buttons
(Rollers stop automatically at home position)

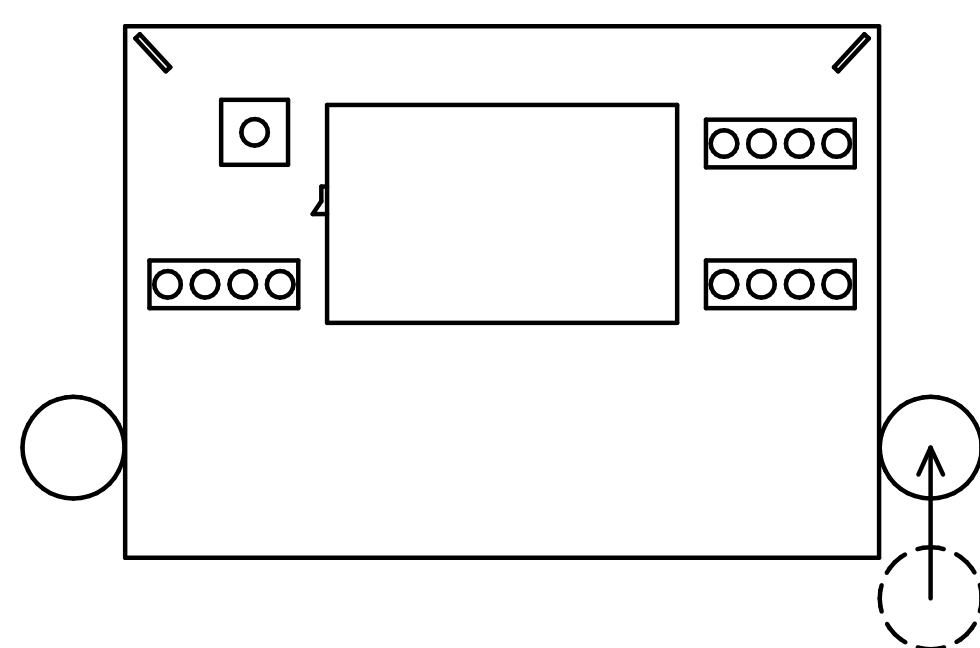


- 4 — Turn OFF power
Manually push roller below mattress
(Push until it stops at hard stop)

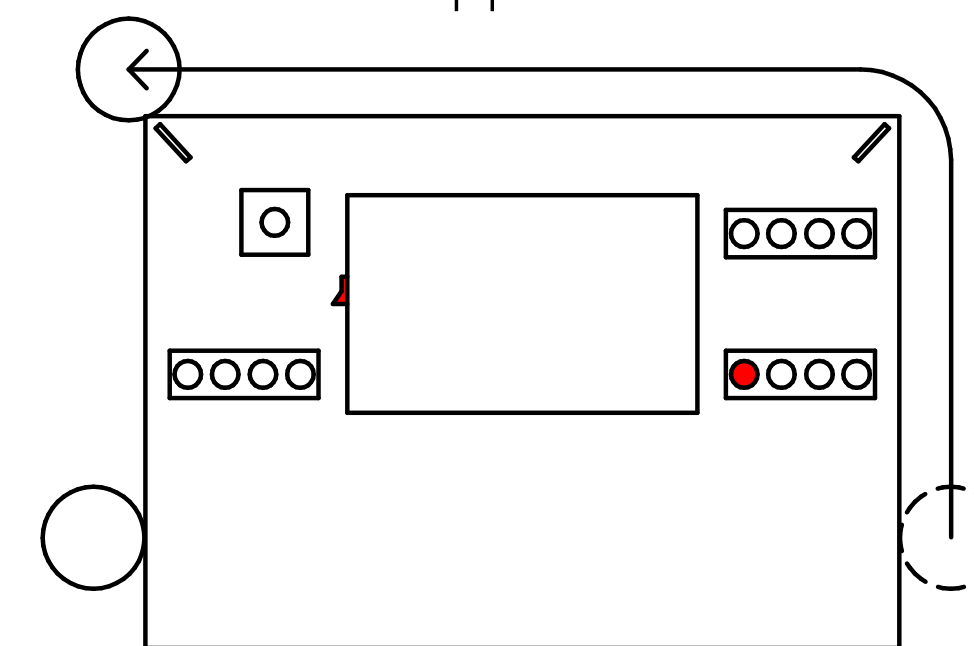


- 5 — Help patient get into bed center on his/her back
Locate center with notch on the headboard/footboard

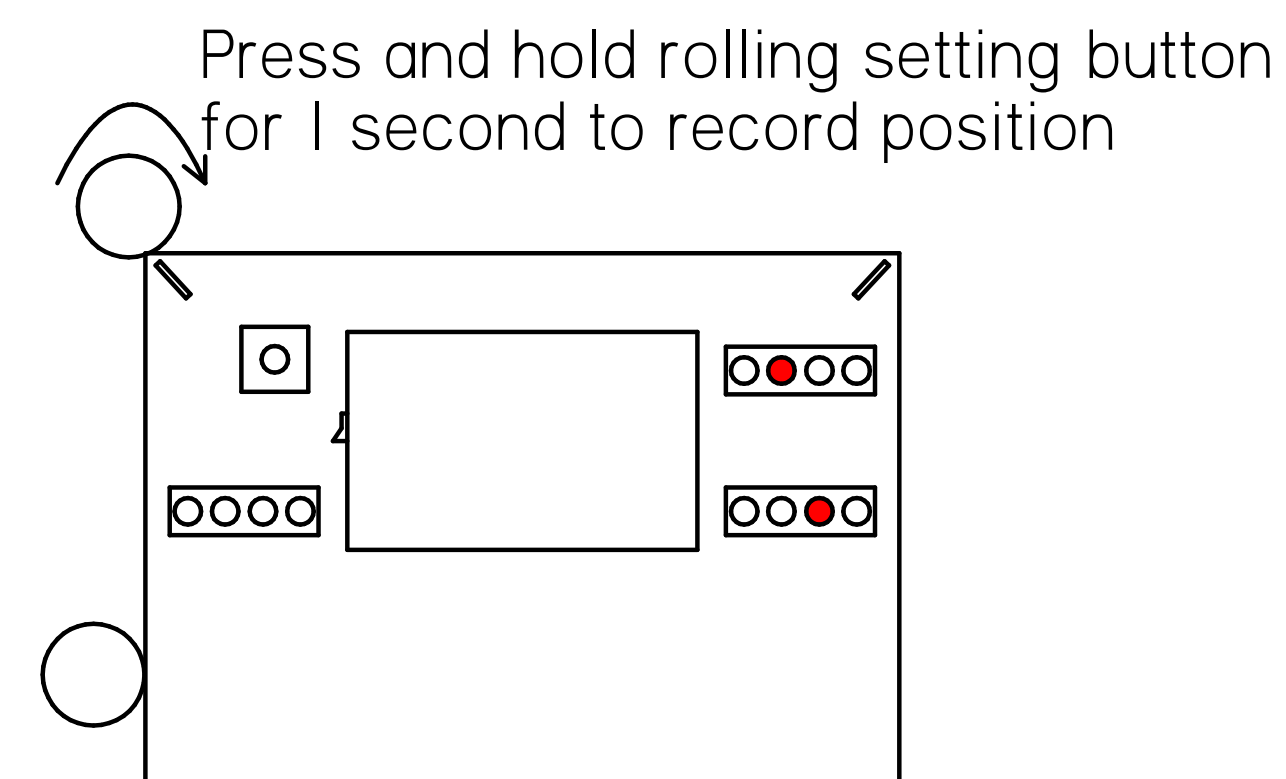
- 6 — Manually pull roller above mattress
(Pull until trigger plate goes above home switch)



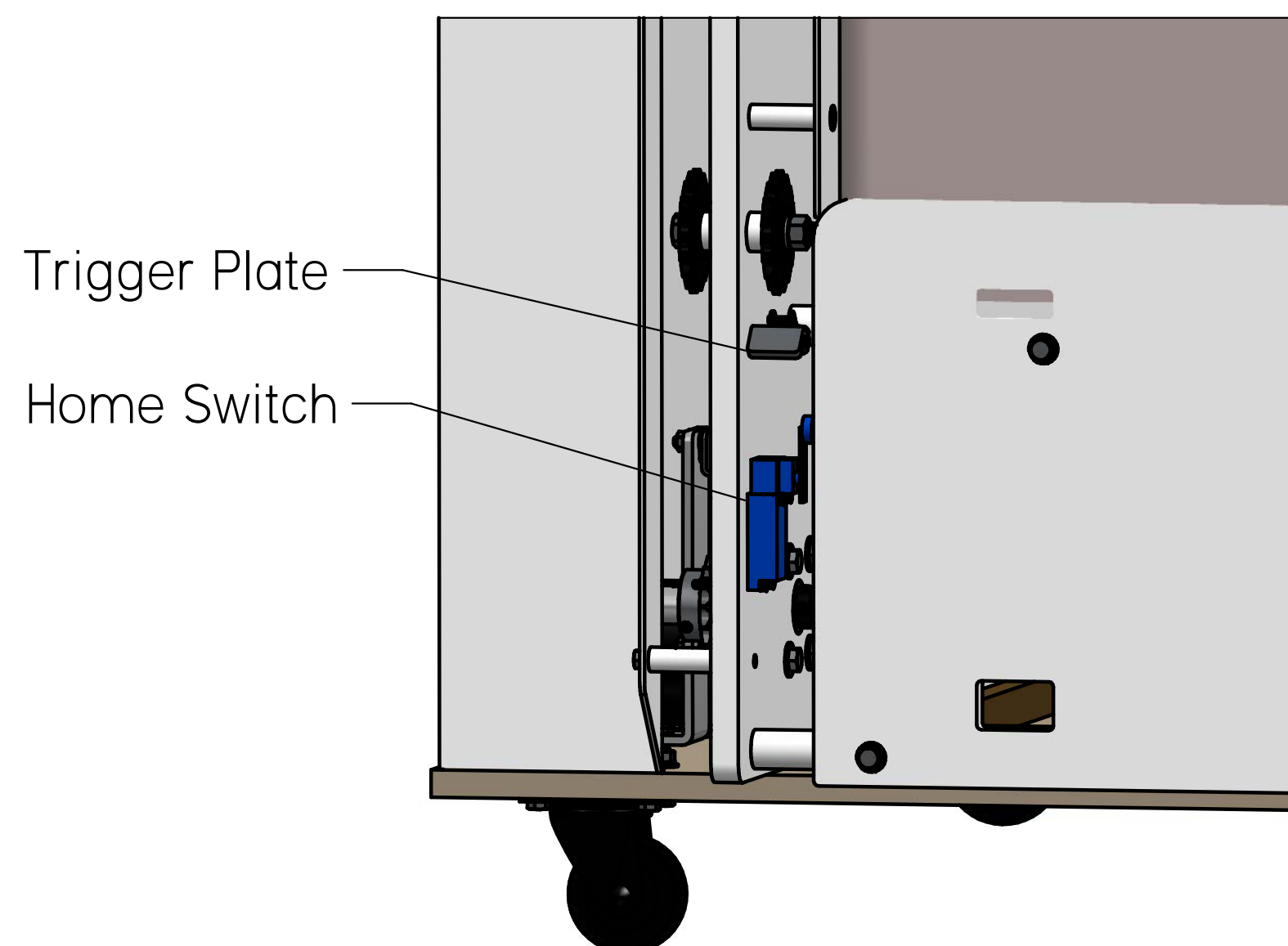
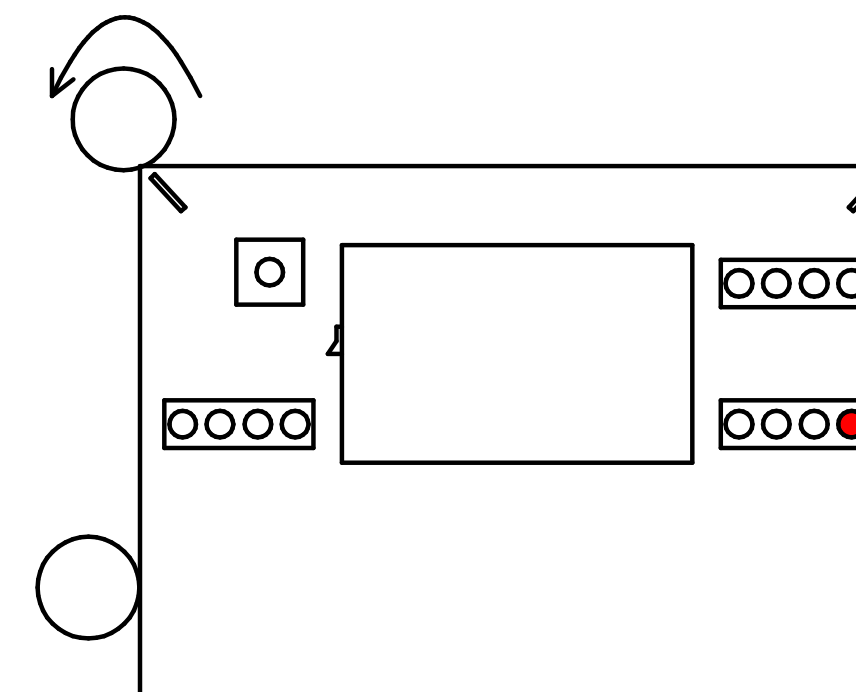
- 7 — Turn ON power
Move right roller to upper left corner with manual control buttons
(locate upper corner with signs on the housing)



- 8 — Wind right roller and adjust stop pillow for 90° rolling with manual control buttons

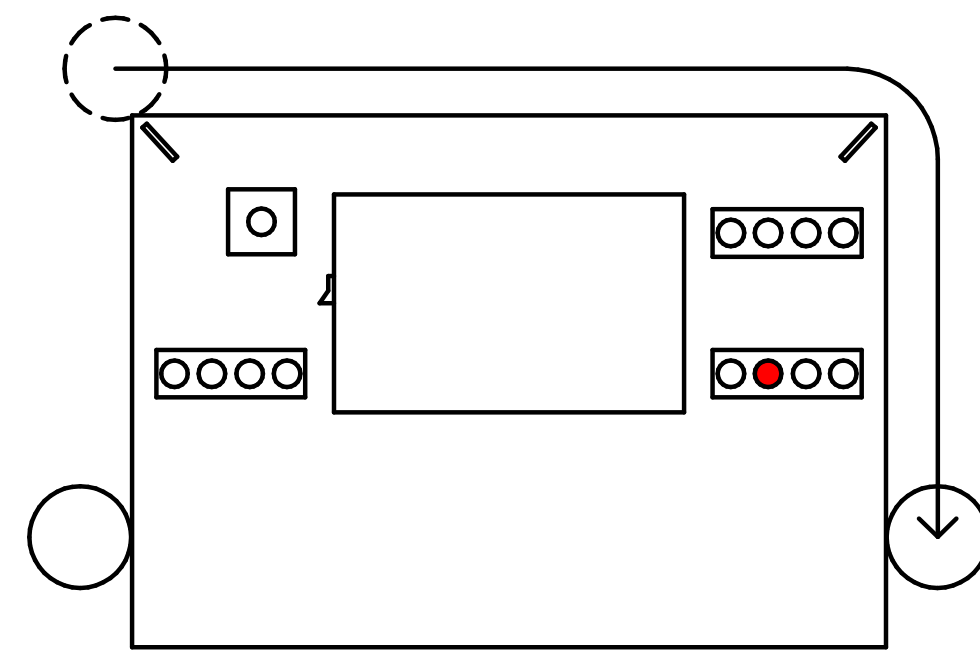


- 9 — Unwind right roller with manual control buttons
(Rolling stops automatically at home position)

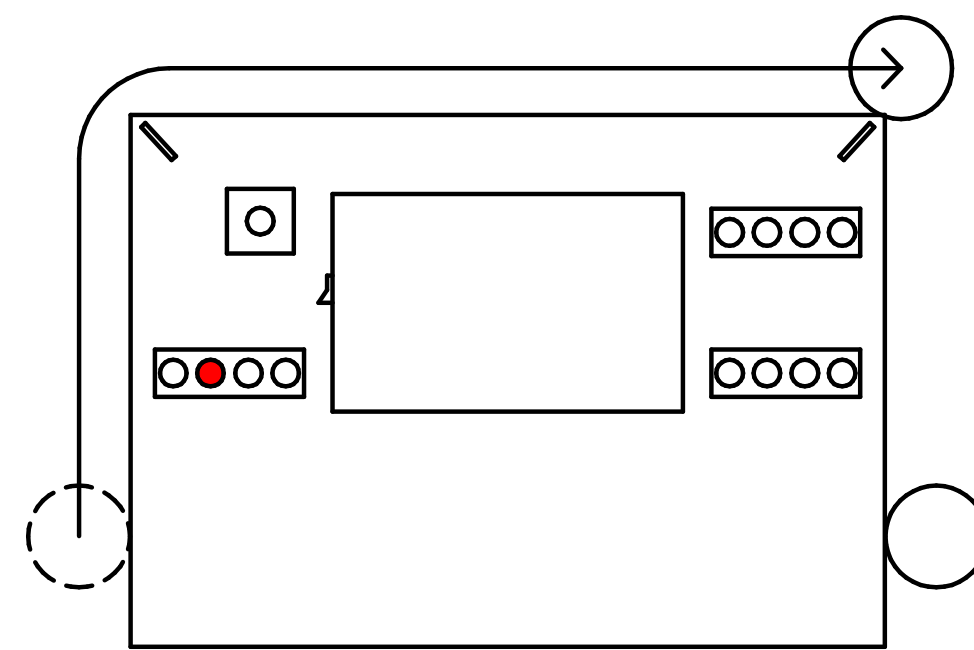


Push emergency stop button for unexpected or uncontrolled motion

- 10 — Move right roller to home position with manual control buttons (Roller stops automatically at home position)

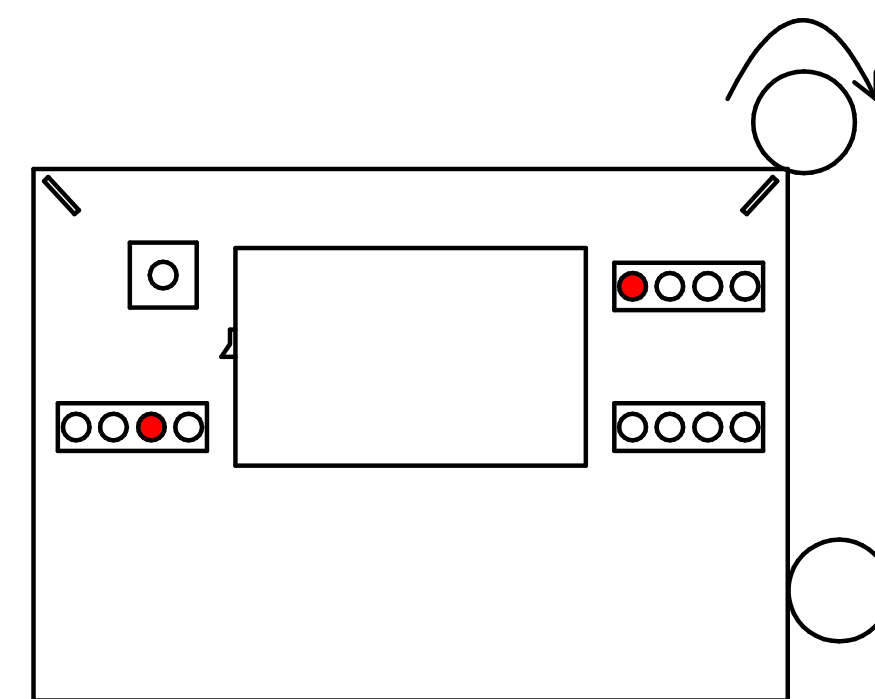


- 11 — Move left roller to upper right corner with manual control buttons (locate upper corner with signs on the housing)

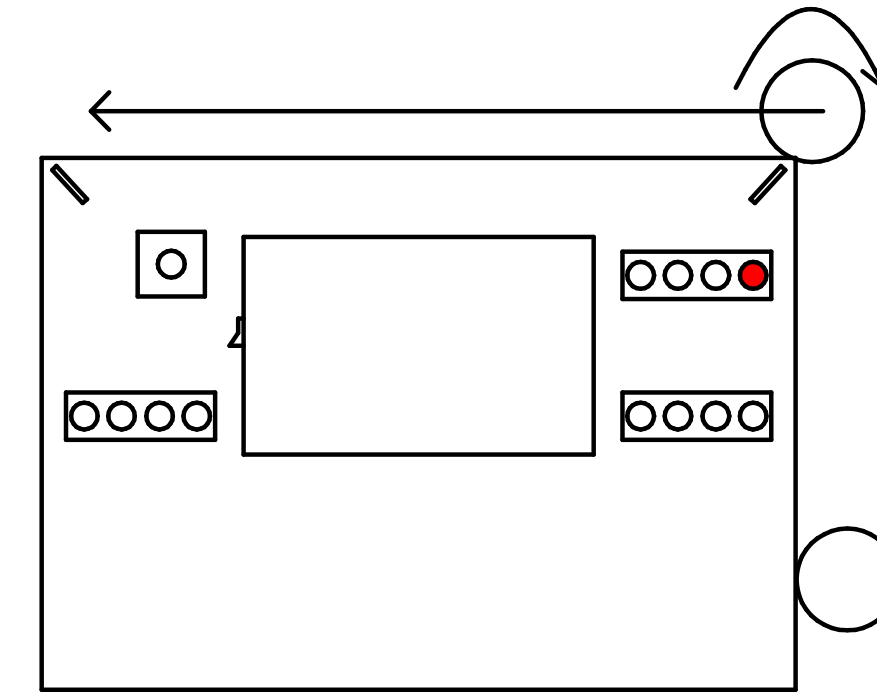


- 12 — Wind left roller and adjust side pillow for 90° rolling with manual control buttons

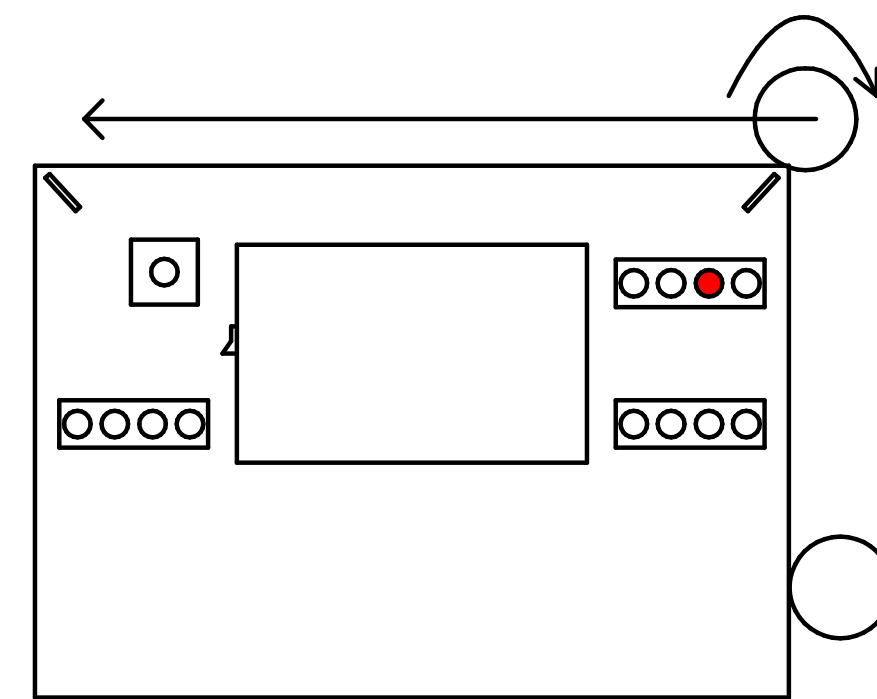
Press and hold rolling setting button for 1 second to record position



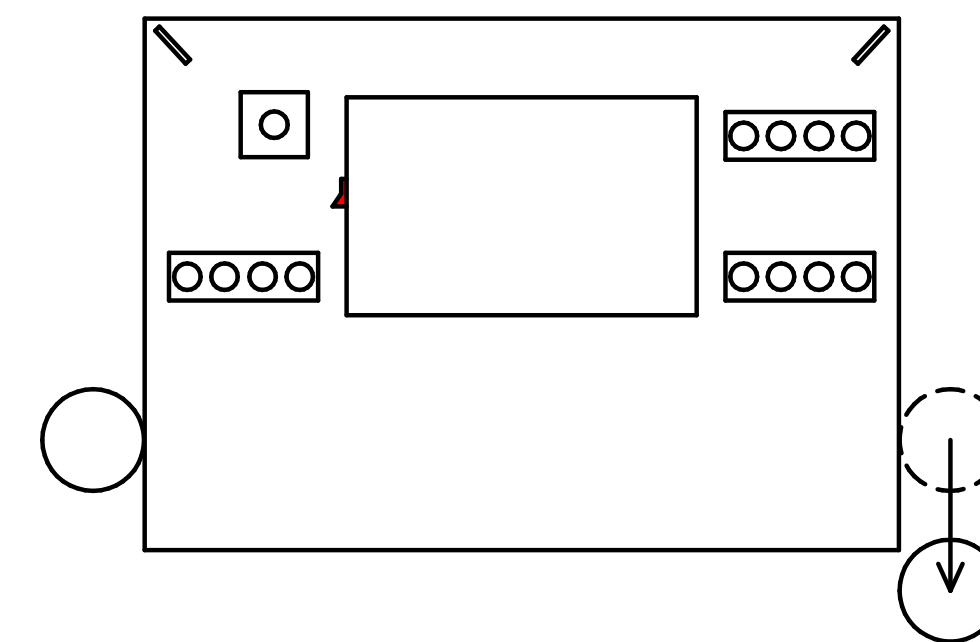
- 13 — Switch to fast test mode System will automatically operate



- 14 — Set the hold time for each position Switch to normal operation mode System will automatically operate



- 15 — Switch to manual mode Unwind and move rollers to home positions Turn OFF power Push roller below mattress Help patient get off the bed



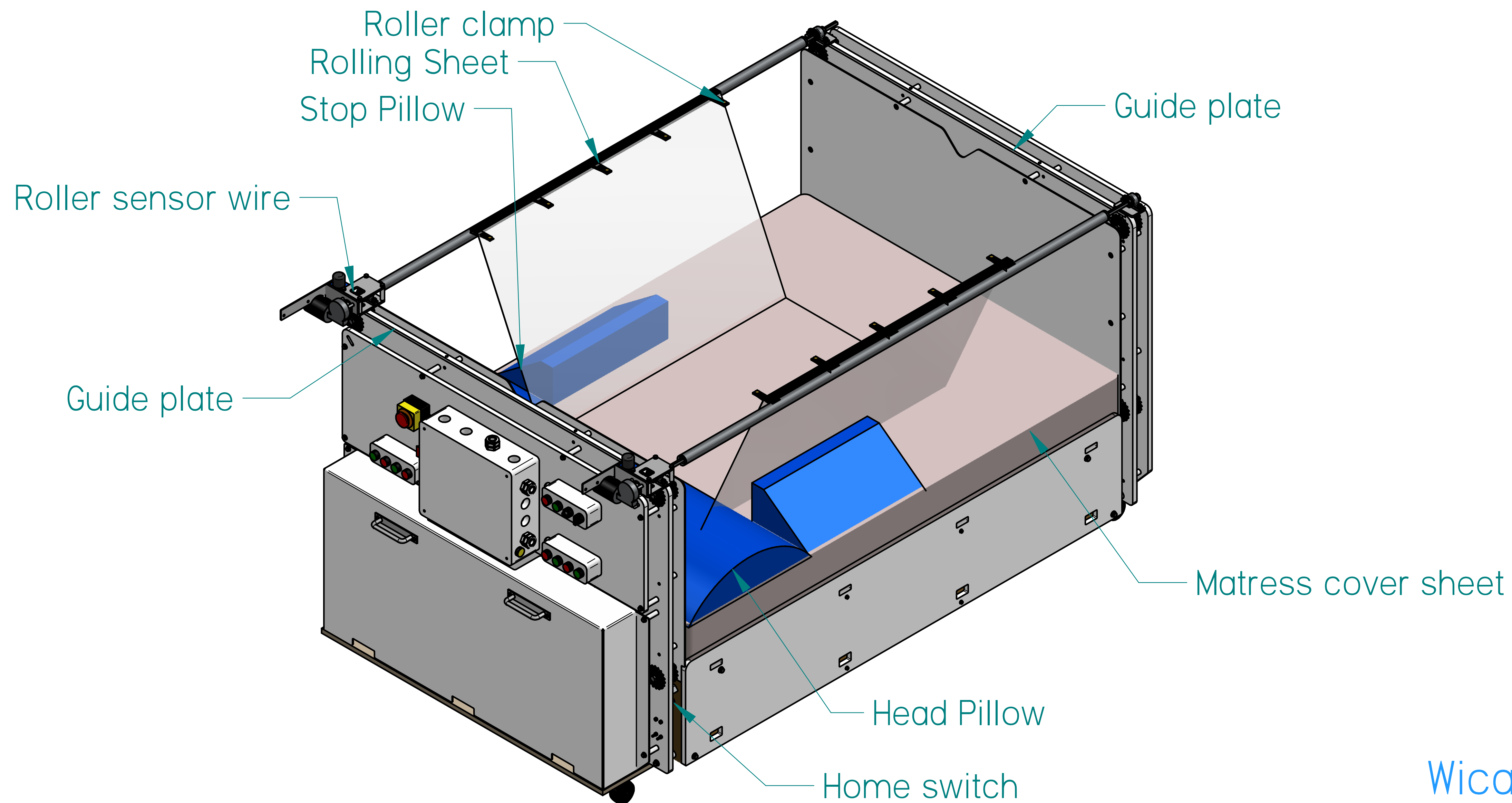
- 16 — Rolling positions are recorded No need to adjust them again for the same patient for next operating cycle after power on/off

Keep rollers at home position as bed rails for fall prevention when system power is OFF



Push emergency stop button for unexpected or uncontrolled motion

| Service and Maintenance | | |
|-------------------------|----------|--|
| Item | Quantity | Service |
| Rolling Sheet | 1 | Wash if dirty, replace if broken |
| Head/stop pillow cover | 2 | Wash if dirty, replace if broken |
| Mattress cover sheet | 1 | Wash if dirty, replace if broken |
| Guide plate | 2 | Check/add grease |
| Home switch | 2 | Check manually for clicking sound and turning function |
| Roller clamp | 10 | Replace if broken |
| Roller sensor wire | 2 | Replace if broken |



| Troubleshoot | |
|--|--|
| Symptom | Cause and solution |
| No response when power is on | 1. Emergency stop button should be disengaged 2. Rolling sensor wire is broken |
| No response from manual buttons for linear motion | 1. Both rollers should have the trigger plate above mattress Turn off power before manually pulling/pushing rollers 2. Reset circuit breaker |
| No response from manual buttons for rolling motion | 1. Rolling hits the max or min limit 2. Rolling sensor wire is broken |
| Roller moves beyond home position and hits hard stop | 1. Home switch is broken 2. Linear motion encoder is broken |
| Chain gets off idler sprocket | Tensioner need more tension |
| Unexpected or nonsynchronous motion | Mechanical coupling/mounting failure |

Safety Information

1. Rolling bed must be connected to proper electrical outlet with the correct electrical outlet with the correct electrical supply.
2. Proper grounding must be ensured to reduce the risk of shock and fire. DO NOT CUT OR REMOVE THE GROUNDING PRONG. If you do not have a three-prong electric receptacle outlet in the wall, have a certified electrician install the proper receptacle. The wall receptacle MUST be properly grounded.
3. Do not operate rolling bed if power cord is frayed or otherwise damaged. Avoid using it if there are any cracks or abrasion damage along the length, plug connector or if the unit malfunctions or is damaged in any manner. Contact an authorized service technician for examination, repairs or adjustments.
4. Always unplug the rolling bed before servicing it or moving it.