



Operations Manual
FOR WIRED HI-LOW SL BEDS

www.Flexabed.com



CONGRATULATIONS ON THE PURCHASE OF YOUR NEW FLEXABED!

Your Flexabed was custom built by skilled craftsmen in Lafayette, GA using the same principles of quality that we have built our reputation on since 1969. Our beds provide multilevel support in literally thousands of positions for sleeping, watching television, reading or simply relaxing.

Should you ever experience technical problems with your Flexabed, simply call our customer service department at 1-800-648-1256 and we will make sure you are resting comfortably again in no time!

Please take notice of your bed's serial number below. If you ever need to call our customer service department, this serial number will allow us to diagnose your issue accurately and efficiently. Your serial number is the number on the first line of the label below.

Remove any items attached to the bed for shipping purposes.

First remove the hardware carton that is stapled to the underside of the bed (Fig. 1). The hardware carton contains your hand control, casters and/or leg pads, leg extensions (if ordered), and bed literature. Next, remove the wooden leg pads that are inserted into each bed leg. Finally, if you ordered safety rails, remove the rails from the frame. Each safety rail is zip tied to the bed frame.

Install your casters or leg pads in to each bed leg.

If installing casters, insert the caster into the threaded insert on each bed leg. Next, using your fingers, thread the caster into the bed leg by rotating the hex nut (Fig. 2a). Once you can no longer use your finger to tighten the caster, use a $\frac{1}{2}$ " wrench to finish tightening the caster in to the bed leg (Fig. 2b). **FAILURE TO FULLY THREAD AND TIGHTEN CASTERS WILL RESULT IN DAMAGE TO THE CASTERS THAT IS NOT COVERED UNDER WARRANTY!** Once the bed is turned upright, you can lock each caster by depressing the locking lever on each caster (Fig. 2c). If you ordered leg pads instead of casters, insert each leg pad into the threaded insert on each bed leg. Hand tighten the leg cap in the bed leg until it is flush with the hex nut (Fig. 3). You can adjust each leg pad as needed to level the bed.

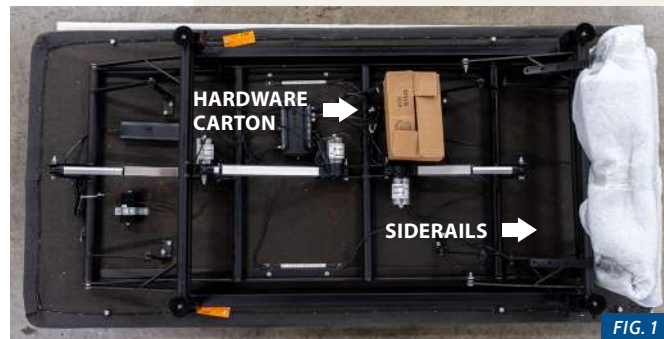


FIG. 1



FIG. 2A



FIG. 2B



FIG. 2C

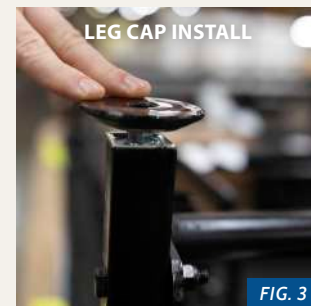


FIG. 3



Install leg extensions (optional).

If you ordered leg extensions with your bed, they will be located in the hardware carton that is stapled to the underside of the bed. If you ordered 7" leg extensions, they will not fit into the hardware carton and will instead be taped to the top of the hardware carton. Each of the four legs on the bed will have a threaded insert pressed into the bottom of each leg. Welded adjacent to each bed leg is a hollow square tube 3.5" in length. The rounded end of each leg extension should be inserted into the hollow square tube (Fig 4). Using force, press each leg extension into each hollow square tube until the rounded portion of the extension is no longer visible (Fig 6). It may be necessary to use a hammer to drive the leg extension into the hollow square (Fig 5). Once completed, install a leg pad or caster into each leg extension as described on the preceding page of this manual.



Plug in power supply and check all cable connections.

Your bed's power supply is mounted to the head platform section underneath the bed. Insert the electrical plug from the power supply (Fig. 7) in to a standard 110/120 volt household electrical outlet. The power supply has a small indicator light that will illuminate green if it is properly receiving electrical power. If you have plugged the power supply in to a wall receptacle and the indicator light does not illuminate green, you will need to check your cable connections and your wall receptacle. All electrical and motor cables should already be connected to their appropriate sources when the bed is shipped from the factory. In the event that your bed is not operating properly, refer to "Cable Connections" in this owner's manual to diagnose possible issues with your bed .

We **strongly** recommend that that you plug your bed into a surge protector to prevent damage to the bed's electronic components in the event of a power surge in your home's electrical system. Flexabed's warranty does not cover damages to the bed as a result of a power surge.





Install mattress retainer bar (if necessary).

If you ordered a foundation with a standard-sized mattress this step is not necessary as the mattress retainer bar is installed at the factory. **HOWEVER, if you ordered a foundation only or a foundation and a low profile mattress, you will need to install the mattress retainer bar before using the bed.** The mattress retainer bar secures the mattress in place when the bed is flexed and prevents the mattress from sliding off the foundation. Raising the foot section of the bed with your hand control will make this installation easier.

Underneath the foot end of the bed, there will be 4 bolts with a wing nut attached. Unscrew the 4 wingnuts and align the holes on the mattress retainer bar with the bolts. (Fig. 8) Once the mattress retainer bar is properly aligned, hand tighten the 4 wing nuts to the bolts to secure the mattress retainer bar in place. (Fig. 9) Place the mattress retainer bar cover (found in the mattress bag) over the mattress retainer bar. (Fig. 10)





FIG. 11

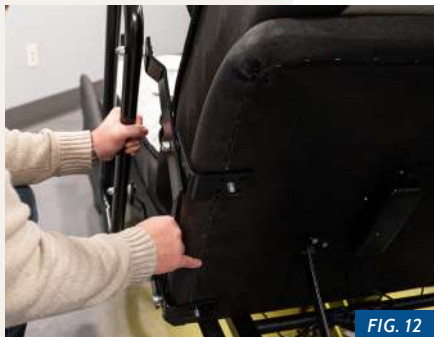


FIG. 12



FIG. 13

Install Safety Rails (if ordered).

All Flexabed Hi-Low models come factory equipped with a plate mounting system at the head and foot sections of the bed to facilitate a quick and sturdy installation of your Flexabed safety rails. The only tool needed to complete a safety rail installation is a 9/16" wrench.

1. Raise the head section of the bed to the most upright position using your hand control. If installing safety rails at the foot section, then also raise the foot section to the most upright position. **ON TWIN BEDS, FAILING TO RAISE THE HEAD AND/OR FOOT SECTIONS OF THE BED BEFORE INSTALLING SAFETY RAILS CAN CAUSE SERIOUS DAMAGE TO YOUR BED AND DAMAGES CAUSED BY IMPROPER SAFETY RAIL INSTALLATION ARE NOT COVERED UNDER WARRANTY!**
2. Locate the 2 bolts and nuts on the underside of the foundation approximately 1" from the edge of the bed. (Fig. 11)
3. Completely remove the nuts from the bolts using a 9/16th socket wrench.

4. Whether installing safety rails at the head-end of the bed or the foot-end of the bed, place the hole in the middle of the “L” shaped bracket on the bolts making sure that the label on the safety rail with an arrow is pointing towards the center of the bed. (Fig. 12)
5. Replace the nuts removed in step c and tighten them down with a 9/16” wrench. (Fig. 13)

REMEMBER...your Flex-A-Bed side rail can be lowered to allow for easy entry to and from the bed. Simply pull UP on the side rail and swivel the side rail to the lowered position. (Fig. 14 & 15)

When installing safety rails on a twin sized Hi-Low bed, the brackets will contact the metal bed frame when in the lowered position. This is normal and does not void your warranty.

If you ordered safety rail covers, you can install the cover with the pocket facing inward or outward depending on your preference. (Fig. 16). Pull the safety rail over the safety rail by stretching the cover slightly.



FIG. 14



FIG. 15



FIG. 16



HI-LOW HAND CONTROL

FLASHLIGHT:

Press and hold the flashlight button and your remote instantly becomes an LED flashlight! To turn the flashlight off simply release the button.





Backup battery power:

Each Flexabed power supply is equipped to supply emergency bed lowering capability via battery power. EMERGENCY BATTERY POWER IS OPTIONAL – THE BED WILL FUNCTION PROPERLY WITH OR WITHOUT BATTERIES IN THE POWER SUPPLY.

In order to use backup battery power, you will need to install two 9V batteries (not included) into the emergency battery compartment (Fig. 17) These batteries should be replaced periodically to insure proper operation in the event of loss of electrical power to the bed. The emergency battery compartment is located on the side of the power supply. (Fig. 17)

In the event of a loss of electrical power, the emergency battery power will allow you to LOWER the bed to a flat position. Battery backup power DOES NOT PROVIDE SUFFICIENT POWER TO RAISE THE BED. If you desire to have the capability to raise the bed in the event of a loss of electrical power, you will need an alternative power source such as a generator.



FIG. 17

CABLE CONNECTIONS

As stated earlier in this manual, all cables are set up and connected at the factory when your Flexabed is built.

However, those cables can become disconnected during the shipping and delivery process. Also, there may be a point in time during the life of your Flexabed where you need to replace a component of the motor system. The purpose of these instructions is to help you properly connect all cables and connections on your bed to ensure proper operation.

If your bed is not working, the most common problem we find in our customer service department is that the bed is not receiving electrical power. Before you check the connections on the bed, always check the following:

- Make sure the power cord from the bed is plugged in properly to a wall receptacle or a power strip/surge protector.

- Check to make sure the electrical outlet that you are using to supply power to your bed and/or power strip is in working order. It is a good idea to plug a known working electrical device (i.e. lamp, radio, etc) into the outlet to test whether the outlet is providing electrical power. If not, check to make sure the breaker is not tripped for the outlet's electrical circuit.
- Flexabed recommends plugging your bed(s) into a UL-approved power strip or surge protector. However, if you are doing this, make sure that your power strip/surge protector does not have too many devices plugged in that exceeds the manufacturer's specifications. If your bed is plugged in to a power strip/surge protector and is not receiving power, it is always a good idea to plug the bed directly into a wall receptacle. If the bed works while plugged into a wall receptacle but now when plugged into a power strip/surge protector, the problem lies within your power strip/surge protector and not the bed.



Power Supply Connections.

The first place to check your wiring connections is at the power supply. Your bed's power supply is attached to the bed's platform on the underside of the head section of the bed. The power supply is a small black box that plugs in to your home's wall receptacle to supply electrical power to the bed. The power supply has a small indicator light that will illuminate green if there is power being supplied. If the indicator light is not illuminated, check the following two connections that are located on opposite ends of the power supply: (Fig 7)

- Power cord connection – this is the cable that plugs directly in to your wall receptacle. Check and make sure the cable is plugged in securely to the power supply.
- Extension cable connection – This cable runs from the power supply to the 4-way splitter on the head motor. The female port on the end of the power supply's extension cable connects to the only male connector on the head motor 4-way splitter.



Head Motor 4-Way Splitter Connections

All electrical connections are centrally located at the 4-way splitter that is attached to the head motor of your bed. The head motor is the only motor on your bed with a 4-way splitter and a straight wire. The other motors on your bed have one curled wire with a single male connector.

Each of the four connections on the 4-way splitter are described below:

1. Male Connector - POWER SUPPLY

This connector plugs into the female port on the extension cable that comes from the power supply

2. Female Connector # 1 (Red Label) - FOOT MOTOR

This connector plugs into the male plug on the curled wire from the foot motor. There are two female connectors coming from the 4-way splitter but there is only one female connector that has a red band just below the plug. The female connector with the red band is for the foot motor only. The foot motor is the only motor in which the shaft points towards the foot-end of the bed.

3. Female Connector # 2 - HI-LOW MOTOR

This connector plugs into the male plug on the curled wire from the hi-low motor. The hi-low motor shaft points towards the head-end of the bed just like the head motor but does not have a splitter cable like the head motor.

4. 8-Pin Barrel Connector - REMOTE CONTROL

This female connector has 8 pins. Your wired remote control plugs into this connector at the factory.



The image shows four black cables originating from a common point at the top center, where they are connected to a silver cylindrical component. Each cable terminates in a different type of connector. Cable 1 has a two-prong power plug. Cable 2 has a rectangular connector with a red stripe. Cable 3 has a small rectangular connector. Cable 4 has a circular multi-pin connector. The cables are laid out on a white surface.

1 - TO POWER SUPPLY

2 - TO FOOT MOTOR

3 - TO HI-LOW MOTOR

4 - TO REMOTE CONTROL

HI-LOW SL BED

Limited Lifetime Warranty

Because Flexabed builds every bed by hand, we stand behind our product with a great warranty.

This warranty covers the entire bed—each and every component and design feature (even the mattress!), without exception.

BEST OF ALL

Our warranty is even transferable. It's not limited to the person who purchases the bed. So if you sell or give the bed to someone else, it remains under warranty.

This warranty does not apply to any product subjected to customer misuse, electrical surges, damage in transit or handling by the delivering agent unless the customer signs the bill of lading with damages noted, or which, in the opinion of Flexabed, has been altered or repaired by an unauthorized representative in any way that affects the reliability or detracts from the performance of the product. Replace-

ment parts are warranted for the unexpired balance of the original warranty period. This warranty does not include responsibility for transportation or handling expenses except those specified. The foregoing is in lieu of all other warranties, expressed, implied, or statutory. Flexabed neither assumes nor authorizes any person to assume for it any other obligation or liability in connection with the sale of this product. In the unlikely event that critical repair components become impossible to acquire after the 5th year and a repair cannot be made, Flexabed will offer an "in-lieu of" discount of 33% off the MSRP that is in effect at that time toward the purchase of a new mattress or articulating base unit.

In order to prove a defect in materials or workmanship, the customer will be expected to provide pictures and/or video as prescribed by Flexabed service personnel in order to prove the defect is not normal wear and tear on the product.

If you experience any problem with your Flexabed at any time regardless of the stage of your warranty, please contact us and we will make every effort to help you.

MOTORS AND LIFTING MECHANISM

- During the first 12 months after purchase, Flexabed will provide in-home parts and labor at no charge. All parts will be shipped via UPS ground. Any expedited charges must be paid by the customer.
- After the first year, any part may be purchased from the factory or sent to the factory freight prepaid by the customer for repair, reconditioning or replacement at the factory's option for a \$100.00 fee plus any shipping charges incurred to ship the part back to the customer.

MATTRESS AND UPHOLSTERED BASE

- During the first 12 months after purchase, Flexabed will provide in home repairs or replacement at the factory's option at no charge provided the defect is demonstrated to be a defect in materials or workmanship and is more than normal wear and tear.
- After the first year of purchase, the mattress and or the upholstered base may be sent to the factory freight prepaid by the customer for repair, reconditioning or replacement at the factory's option for a \$100.00 fee and will be returned freight collect at the customer's expense.

Note – If the mattress shows unmistakable signs of abuse or wetting the warranty is void and you will have the option to have it returned to you as-is freight collect or discarded.



We're based in friendly LaFayette, Georgia.

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