

Solite Pro Community Care Bed With Covered Bed Ends

Item # 15006LP



Owner's Assembly and Operating Manual (USA and Canada)

This manual must be given to the Owner/User of this bed and should be read carefully before putting this product into use. Keep manual in an accessible location for future reference.





This document is to be used in conjunction with the full instructions for use document. Read all warnings prior to using this guide. This Quick Reference Guide does not replace the full instructions for use.



1. Assembly/Disassembly

1 Remove bed end from packaging.

2 Ensure locking collars are opened.

3 Remove backrest mattress platform from packaging.

4 Remove items from bed kit.

5 Remove leg section mattress platform from packaging.

6 Remove clevis pin, R-clip and bush from both sides of platform.

8 Assemble platform sections.

9 Lock leg and backrest together with clevis pin, R-clip and bush on both sides.

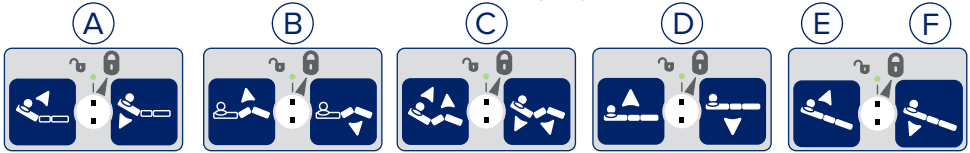
10 Bed assembly complete.

11 Re-lock locking collars.

2. Operation

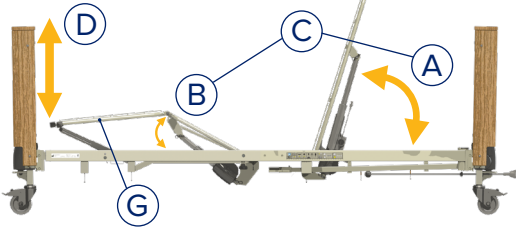
A - Backrest Position (Up/Down).
 B - Kneebreak Section Position (Up/Down).
 C - Auto Contour (backrest and kneebreak together).
 D - Raise/Lower Bed.

E - Foot Down Tilt.
 F - Head Down Tilt
 *(Available with 10 button handset option only).
 G - Leg Stay Function.



The Solite Pro Low bed is intended to be used with patients up to 421lbs (180kg) and of height in the range of 57.5" (146cm) - 79.1" (201cm). It is not intended to be used with patients of less than 88.2lbs (40kg). The Solite Pro Low requires a power supply of ~120V at 60Hz, with no more than 1.7A. Ensure labels on the bed are checked when routing cables from actuators to the control box to ensure functionality of the bed is as intended.

Auto-Contour



Information for Regular Use:

Brake System:

The bed has four braked castors.

- To apply the brakes - Press the brake pedal up.
- To release the brakes - Lift the brake pedal up.

Leg Stay Function (G):

The calf section of the bed can be raised to enable the users calf to remain elevated. Once the knee break has been set at the desired angle, the leg stay angle can be set by lifting and releasing this section manually on the ratchet (if accessory is present).

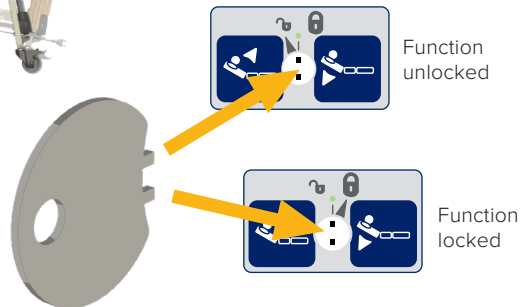
To release, raise the leg section to the highest height and then lower.

Head/Foot Down Tilt



The handset is supplied with a lockout function which disables bed functions if they are deemed unsuitable for the occupant.

To lock/unlock a function, insert the key provided (shown right) in the bed kit into the holes in the selected function and rotate the key clockwise. To unlock the function, insert the key and turn it anti-clockwise. A yellow LED will illuminate to indicate the function is locked.



⚠ The bed must not be used/moved if any fixings are missing or loose.

⚠ All cables must be loose and free of moving parts of the bed.

⚠ All moving parts are to be secured prior to moving the bed in transport stand.

⚠ All warning in the full instructions for use should be read and understood prior to using the bed.

CONTENTS

1. INTRODUCTION	5
2. CONTACT INFORMATION	5
3. PRODUCT DESCRIPTION	6
3.1 Environment	5
3.2 Intended Patient Group.....	5
3.3 Intended Use.....	5
3.4 Indications	5
3.5 Product Overview	7
3.6 Features	7
4. SAFETY	8
4.1 Warnings and Cautions	8
4.2 Risk Assessment	8
4.3 Contraindications	8
4.4 Bed Load	9
4.5 Training	9
4.6 General Warnings	10
5. TRANSPORT AND STORAGE	11*
6. SYMBOL DEFINITION	12
7. PARTS IDENTIFICATION	14
8. BED ASSEMBLY AND PREPARING FOR USE	15*
8.1 Removal from the Transport Stand	15*
8.2 Assembling the Bed	16*
8.3 Fitting the Electrical System	17*
8.4 Cable Routing	18*
8.5 Ancillary Product Cable Routing	18*
8.6 Storing the Transport Stands	19*
8.7 Extending the Bed	19*
8.8 Checking the Bed	20*
8.9 Knee Break/Leg Section	21*
8.10 Lockout Function	22*
8.11 Relocating the Mains Cable Bracket	22*
8.12 Installation/Preparing for Use	24*
9. OPERATION OF THE BED	26*
9.1 Operational Limits	26*
9.2 Brake System	26
9.4 Electrical Operation	26
10. ASSEMBLY ONTO THE TRANSPORT STANDS	27
11. POWER FAILURES	29
13. DECONTAMINATION	30*
13.1 Cleaning and Disinfection Guidelines	30*
13.2 Steam Cleaning	31*
14. MAINTENANCE	32*
14.1 General Inspection	32*
14.2 Fault Finding	32*
14.3 Servicing	33*
15. DISPOSAL OF PARTS	34
16. SPECIFICATION	35
16.1 Bed Data	35
16.2 Electrical Data	36
17. ELECTROMAGNETIC COMPATIBILITY (EMC)	37
18. ACCESSORIES	38
19. SERVICE LIFE	39
20. WARRANTY	39

Warning

* Highlighted pages are for authorised personnel reference only, if in doubt contact Drive DeVilbiss Healthcare Inc. or your local distributor. DO NOT operate this product without first reading and understanding this user manual. Damage or injury may result from improper use of this product.

1. INTRODUCTION

Thank you for purchasing this product. These instructions for use should be read carefully before operating the bed. Please ensure that you understand all instructions, if you have any questions concerning the operation or maintenance of the bed please contact your provider/supplier who will provide you with expert professional advice. Drive DeVilbiss Healthcare Inc. recommend the bed is assembled and maintained by Drive DeVilbiss Healthcare Inc. service engineers or qualified personnel.

2. CONTACT INFORMATION

For assistance in setting up, using, maintaining your bed, to report unexpected operation or for any service, warranty, sales or customer service information regarding this product please contact your provider or if in doubt contact Drive DeVilbiss Healthcare Inc. at the following address:

Drive DeVilbiss Healthcare Inc.
375 New Huntington Road, Unit 1
Vaughan, Ontario Canada L4H 5B5
(866) 752-1363
Canadacustomerservice@drivemedical.com

SALES AND SERVICE

Contact Drive DeVilbiss Healthcare if you need any help with installation, usage or maintenance of the product.

Drive DeVilbiss Healthcare Inc.
375 New Huntington Road, Unit 1
Vaughan, Ontario Canada L4H 5B5

Ph: (866) 752-1363 Website: www.drivemedical.com

SERVICE

A majority of service requests can be handled by the local Distributor/Provider's maintenance department with the assistance of Drive DeVilbiss healthcare tech support. If a Drive DeVilbiss Healthcare technician is required, one will be provided by Drive DeVilbiss Healthcare at our discretion.

Most parts can be shipped next day air at the customer's expense.

This warranty is extended to the original purchaser of the equipment.

3. PRODUCT DESCRIPTION

3.1 Environment

Your bed is intended for use in the following environments:

- A domestic area where the bed is used to alleviate or compensate for an injury, disability or disease.
- A long term care area where medical supervision is required and monitoring is provided if necessary (e.g. nursing homes, rehabilitation facilities, geriatric facilities etc.).

3.2 Intended Patient Group

The bed frame is intended for an adult who is up to 421lbs (191kg) in weight. A lower (or upper) age limit is not defined as it depends on the physical size of the patient in relation to the various proportions and gaps around the bed frame. Patients must be in excess of 57.5" (146cm) in height ranging up to 79.1" (201cm) (bed extended).

The bed frame is intended to support a single adult. The bed is intended for multiple patients and multiple uses.

3.3 Intended Use

The intended use of the bed is to support the weight of the patient, as defined in section 3.2, whilst sleeping or resting and to assist the end user to gain and/or maintain a suitable position.

Beds are NOT intended for patient/resident transport. Wheels are provided only to allow movement within the patient/resident room for cleaning or patient/resident access.

3.4 Indications

To assist in the care and/or comfort of the patient or care provider when the bed is used in the environments specified in section 3.1.

Contra-indications

Electric beds should not be operated (control the movements of the bed through the control interfaces) by persons who do not have the cognitive skills to understand the information in the owner's manual or cannot understand and perform the proper operation of the bed. This bed should not be used or operated by children.

3.5 Product Overview

The Solite Pro Low bed is intended to be plugged into a permanent electrical wall outlet. The bed is designed to work with North American power supplies, and should only be used in these environments. The bed has one handset, intended for use by both the patient and carer, which provides the carer with the ability to lock out the use of bed functions as necessary to reduce the risk of accidental operation.

The handset operates an electronic linear actuator system, which is controlled via a central control box. The actuators are attached to the moving parts of the bed frame allowing the bed to be operated via the use of the handset.

Two powder coated steel bed ends support the mattress platform frame, the electrical system; the bed has a safe working load of 498.2lbs (226kg). The bed is manoeuvrable via the aid of four individually lockable castors which are attached to the bed ends, however it is not designed for patient transportation.

The product is delivered in four separate boxes, one per section of the bed. Packaging components are to be separated and disposed of following local recycling policies as these can be recovered and recycled. Once the bed has been opened and assembled the transport stands provided with the Solite Pro Low should be used for storage and transport.

3.7 Features

- Electrically operated backrest, height adjustment and leg rest angle.
- Auto regressing backrest.
- Electrically operated foot down tilt*.
- Auto contour – simultaneous adjustment of the backrest and leg rest section.
- Patient handset with individual function lockout.
- Integral mattress platform extension.
- Integral leg section extension.
- Can be broken down into four separate sections.
- Transport stands to aid storage and bed transportation.



Warning

- The Solite Pro Low does not meet the upper height requirements of EN 60601-2-52, if patient or carer requirements are such that the height range is deemed to pose a potential hazard the Solite Pro Low should be used instead, please refer to the contact information in section 2 to request further information.

4. SAFETY

4.1 Warnings and Cautions



Warning

Warnings in these instructions for use highlight potential hazards that if disregarded could lead to injury or death.



Caution

Cautions in these instructions for use highlight potential hazards that if disregarded could lead to equipment damage or failure.

4.2 Risk Assessment

Before a patient uses the bed a risk assessment must be performed on a patient by patient basis. The risk assessment should include, but is not limited to:

- Entrapment.
- Falling out of the bed.
- Small adults (and children).
- Patients who lack capacity.
- Unauthorized people with access to the bed.
- Use of accessories.

4.3 Contraindications

Patient conditions for which the use of the Solite Pro Low bed is a contraindication are as follows:

- Cervical or skeletal traction.
- Unstable spinal fractures - If bed functions remain unlocked.
- General skeletal fractures - If relevant bed functions remain unlocked.
- Patient's who lack capacity.
- Confused, agitated or restless.
- Exceeds maximum patient weight of bed.
- Less than 57.5" (146cm) in length.
- Less than 88.2lbs (40kg) in weight

Other contraindications may be relevant which are specific to the patient or care environment.

Electric beds should not be operated (control the movements of the bed through the control interfaces) by person's who do not have the cognitive skills to understand the information in the owner's manual or cannot understand and perform the proper operation of the bed. This bed should not be used or operated by children.

4.4 Bed Load

Safe working load: **396.8 lbs (180kg)**

Maximum patient weight: **421.0 lbs (191kg)**

Safe working load is the sum of:

- Patient mass.
- Mattress mass.
- Accessories mass.
- Mass supported by the accessories (excluding patient mass).



Warning

The maximum loads shown above are for the bed to be occupied by one person only. The bed is not designed to take the weight of visitors sitting on the side of the bed. Additional weight could damage components or cause the bed to become unstable, potentially causing injury.

4.5 Training

All professional users are to be suitably familiar with the bed's functionality and its limitations prior to use. Patients are to be familiarized with handset and bed functionality by the professional user at the earliest opportunity, ideally before using the product.

It is the responsibility of the professional user to ensure they are suitably qualified to use the bed and any associated accessories safely and correctly. If these instructions for use are not deemed sufficient and the need for training is required please contact Drive DeVilbiss Healthcare Inc. or your local provider (see section 2) who will be able to discuss training options with you.

4.6 General Warnings



Warning

- The bed is to be installed and put in to service in accordance with the information provided in these instructions for use.
- The bed is typically not suitable for child use, if it is to be used for child occupancy ensure a risk assessment has been undertaken taking in to account the proportions of the child and dimensions of the bed frame.
- The bed is not suitable for occupants who are less than 57.5" (146cm) in length - If in doubt please contact your provider or Drive DeVilbiss Healthcare Inc. for further advice.
- The bed is not suitable for occupants who weigh less than 88.2lbs (40kg) - If in doubt please contact your provider or Drive DeVilbiss Healthcare Inc. for further advice.
- Misused electrical equipment can be hazardous.
- Accessories that have not been approved or designed for use with the bed are not be used - a hazard could be introduced due to product combination incompatibility.
- Modification of the bed frame is not allowed without the permission of Drive DeVilbiss Healthcare Inc. – a hazard could be introduced.
- Electrically operated beds should not be used in the presence of flammable gasses or used in oxygen rich environments – risk of explosion/fire.
- Keep the bed away from sources of heat and naked flames (e.g. cigarettes, electric fires, fan heaters etc.) - risk of explosion/fire.
- Bed functions must be locked out if there is any doubt about the ability of the patient to operate the bed safely.
- If children, patients who lack capacity or even pets pose a potential risk of intentional or unintentional tampering with the bed its suitability for use is to be considered during the initial patient v/ product risk assessment.

6. SYMBOL DEFINITION

The following symbols are found on this bed:



Warning
Beware of potential hazard



Caution
Beware of potential product damage



Refer to instructions for use - Recommended
Failure to read the instructions for use could introduce a hazard



Refer to instructions for use - Mandatory
Failure to read the instructions for use could introduce a hazard



Total bed weight
On transportation
stands



Care is to be taken when pushing the bed over thresholds when
on transport stands - Risk of tipping



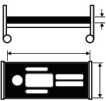
Maximum patient weight
Refer to section 4.4



Safe working load
Refer to section 4.4



Mass greater than 44.1lbs (20kg)



Mattress suitability
Refer to section 18



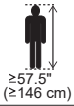
Mattress strapping suitability



Detachable side rail suitability
Use of an incorrectly specified or positioned side rail could introduce a hazard.



Minimum patient weight



Minimum patient height



Atmospheric pressure limit



Humidity limit



Temperature limit



Lot number



Date of manufacture



Manufacturer



Catalogue number



Medical device



Class II electrical device

The user/occupant is protected by at least two layers of insulation between the current carrying parts (e.g. control box and mains cable) and the metal accessible parts – If damage is noticed to any electrical component, turn off at the mains and contact your provider or Drive DeVilbiss Healthcare Inc. immediately.

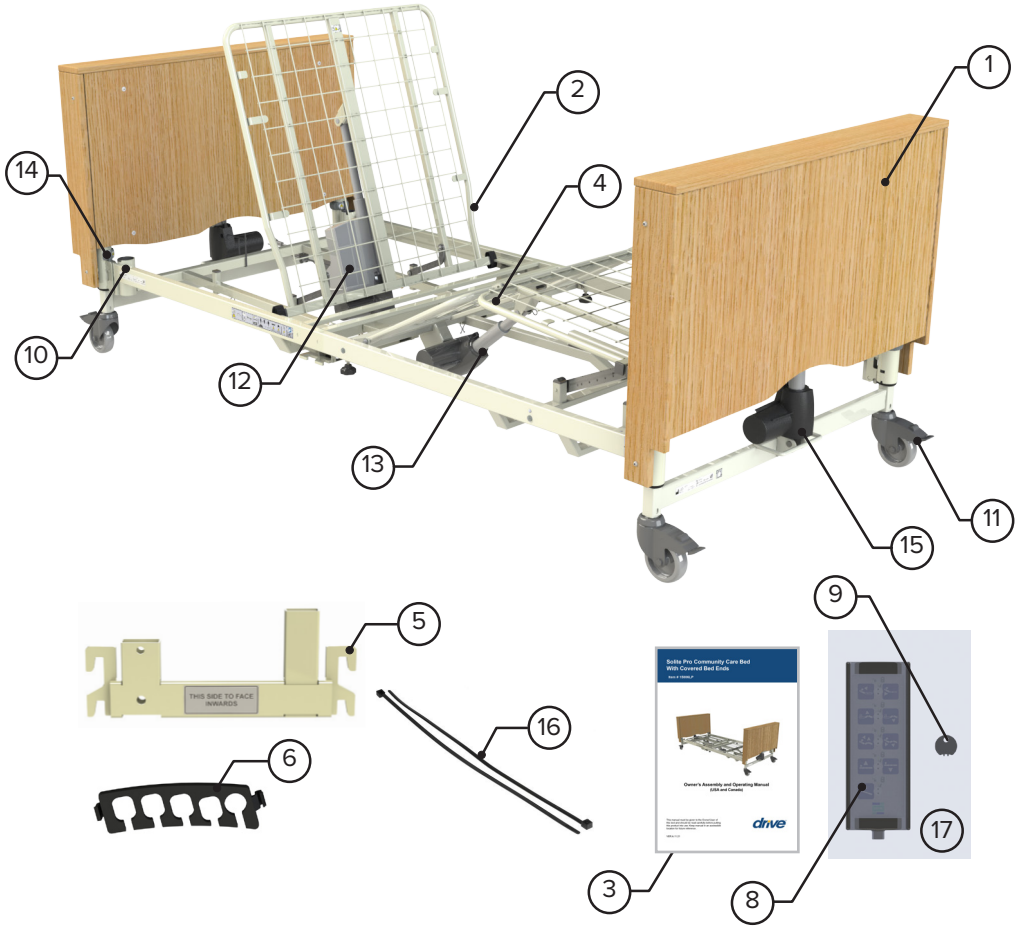


Type BF applied part

Applied Part: The parts of the bed that come into physical contact with the user/occupant in order for the bed to carry out its intended function (refer to section 16.2 for a list of applied parts).

Type BF: Applied parts which are electrically isolated from earth and other parts of the medical equipment - Complying with specific requirements for protection against electric shock to EN 60601-1.

7. PARTS IDENTIFICATION



- | | |
|--------------------------|---|
| 1. Bed end x 2 | 11. Braked castor x 4 |
| 2. Backrest section x 1 | 12. Control box/Backrest actuator x 1 |
| 3. Instructions for use | 13. Leg rest actuator and battery box (if fitted) x 1 |
| 4. Leg section x 1 | 14. Platform locking collar x 4 |
| 5. Transport stand x 2 | 15. Bed end actuator x 2 |
| 6. Control box clip x 1 | 16. Re-usable cable tie x 2 |
| 8. Handset x 1 | 17. Bed handset and instructions kit x 1 |
| 9. Handset lock key x 1 | |
| 10. Accessory socket x 2 | |

8. BED ASSEMBLY AND PREPARING FOR USE

Warning

- Before attempting to assemble the bed ensure these instructions have been read and fully understood.
- Only qualified personnel are to assemble and prepare the bed for use, if in doubt contact Drive DeVilbiss Healthcare Inc. or your local distributor.
- Ensure a risk assessment in line with local health and safety policy is undertaken to ensure that staff are not put at risk when performing assembly activities.
- Take care when disassembling the bed from the transport stand, the sections are of considerable weight.

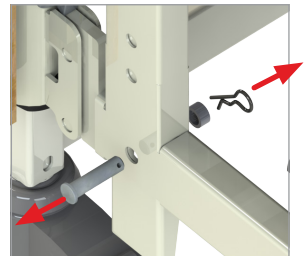
8.1 Removal from the Transport Stand

No tools are necessary for the assembly of the bed. The assembly procedure is as follows:

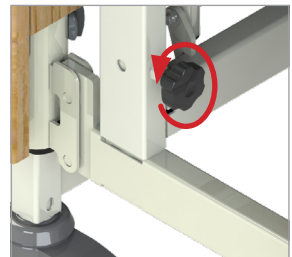
- Clear the area intended for the bed of any obstructions and ensure the surface is level.
- Apply the brakes to the castors.
- Remove the clevis pin, 'R' clip and plastic spacer that secure each transport stand to the backrest section (8.1.1). These parts will be required when assembling the bed sections together. Lift the backrest section off the transport stands and carefully place it flat on the floor.
- Loosen the hand wheels on the leg section that secure it to the transport stands (8.1.2). Lift this section off the transport stands and carefully place it flat on the floor.
- Lift the locking collars slightly and rotate inwards on one of the bed ends so that they are both in the unlocked position (8.1.3). Refer to the warning label on each collar to identify the unlocked position.
- Carefully lift the end of the transport stands away from the unlocked bed end and place carefully against a wall or on the floor. If placing against a wall ensure the castor brakes are applied.

Note: when the transport stands are lifted away neither bed end will be supported.

- Rotate the locking collars inwards on the remaining bed end so that they are in the unlocked position.
- Carefully lift the ends of the transport stand away from this bed end. The bed has now been separated into its constituent parts.



8.1.1 Clevis pin, spacer, and 'R' clip removal



8.1.2 Hand wheel



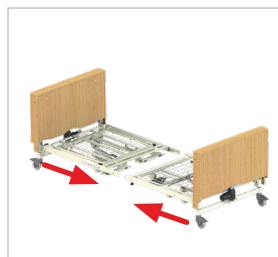
8.1.3 Locking collar in unlocked position

8.2 Assembling the Bed

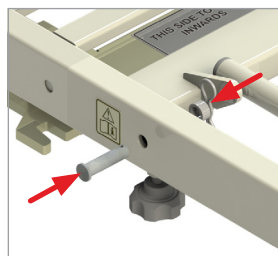
- Whilst supporting one of the bed ends, lift one of the mattress platform halves and hook into the bed end (8.2.1). Adjust the position of the mattress platform half if necessary to ensure it is hooked centrally onto the bed end. Turn the locking collars into their locked position, indicated by the warning label on the collar. When turning the collar to the locked position it will rise and then fall, this is the self locking mechanism engaging. **Note: If this action is being undertaken by a single person Drive DeVilbiss Healthcare Inc. recommend that the castors are braked before assembly commences.**
- Repeat for the remaining bed end and mattress platform half.
- Release the brakes on the castors on both bed ends.
- Bring both halves of the bed together (8.2.2) and align each section so that the spigots in the backrest section locate into the open tube ends in the leg section. Pull the two sections together and **tighten the two hand wheels.**
- Place the clevis pins through the holes by both central joints with the head of the pin on the outside of the bed. Place the plastic spacer over the end of the pins and insert the 'R' clips from the top of the bed through the hole in the pin (8.2.3).



8.2.1 Bed end and backrest assembled



8.2.2 Bring assembled bed halves together



8.2.3 Clevis pin, spacer, and R clip fitting

Warning

- The bed must never be used if the hand wheels and/or clevis pins and associated 'R' clips are loose or missing - risk of bed collapse.
- The bed must never be used with the locking collars in the unlocked position or if missing - risk of bed collapse.

Caution

- Ensure all re-usable cable tie/hook and loop tape (or similar) securing any of the sections in place are removed prior to operation - damage to the frame could occur.

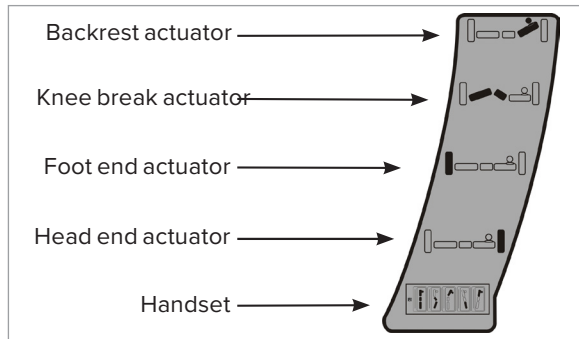
8.3 Fitting the Electrical System

- Plug the actuator and handset cables into the control box. The control box has a label showing the correct port into which the corresponding cable should be inserted (8.3.1).

Note: The plugs only fit into the ports in one orientation. Ensure the cables are plugged fully into the control box.

Warning

The two bed ends are identical however plugging the actuators into the correct ports is important to ensure the bed ends operate as intended - risk of the bed having the ability to go into head down tilt accidentally if incorrectly plugged in, creating a potential hazard when in use.

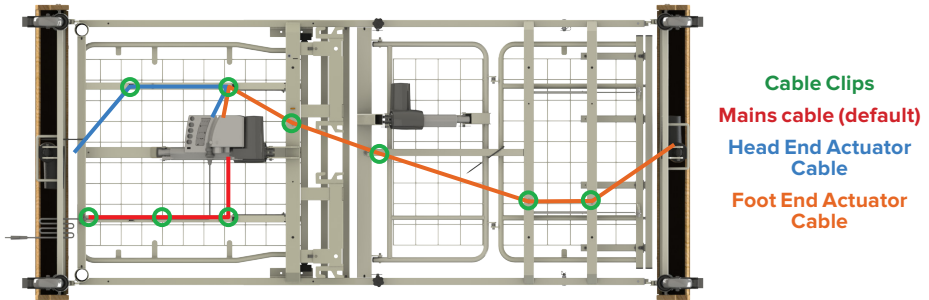


8.3.1 Control box label

- Once all the cables are connected they are to be secured in place by attaching the supplied retaining clip to the control box.
- Drive the bed to its maximum height then secure the actuator cables in the twist clips under the mattress platform (refer to section 8.4). Ensure each bed end actuator cable has enough free cable to allow full movement of the actuator.

8.4 Cable Routing

The actuator cables are to be routed on the bed frame as shown below:



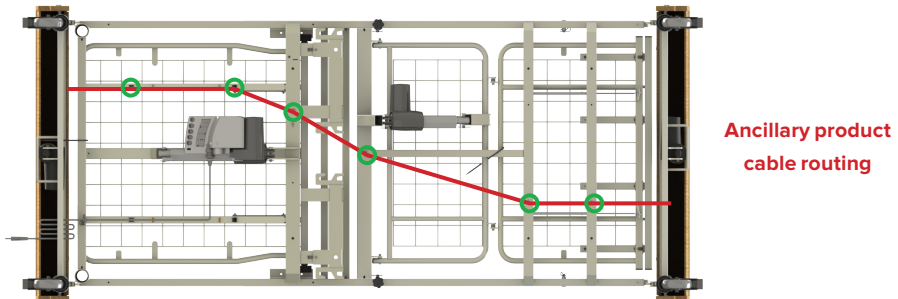
8.4.1 Bed cable routing

Warning

Ensure all cables, in particular the mains cable, are free from moving parts and are not under excessive tension to avoid cable damage - Damaged cables can create a risk of electrocution/fire.

8.5 Ancillary Product Cable Routing

When fitting ancillary electrical equipment the ancillary mains cable is to be routed using the twist cable clips located underneath the bed. These clips are shared with the bed's actuator cables.



8.5.1 Ancillary product cable routing

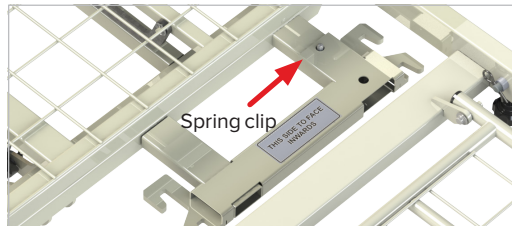
Warning

Ensure all ancillary cables are free from moving parts and are not under excessive tension to avoid cable damage - damaged cables can create a risk of electrocution/fire.

8.6 Storing the Transport Stands

The bed comes complete with integral transport stands and storage brackets. To store these away once the bed is assembled, follow the procedure below;

- Raise the bed to its full height.
- Holding one transport stand turn it so the words ‘this side to face inwards’ face upwards.
- Slide the stand into the tubes positioned under the backrest section, push the spring clip down and push the stand past until the clip springs back locking the transport stand in position.
- Repeat the procedure for the remaining transport stand.



8.6.1 Transport stand stored

8.7 Extending the Bed

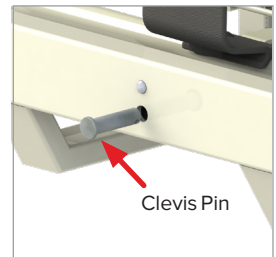
To extend the bed frame



Warning

Never extend the bed when side rails are fitted - risk of side rails falling and creating a crushing hazard. Remove side rails first.

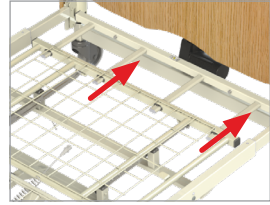
- Flatten all sections and lower the bed to its minimum height (see section 9.4 for the operation of the handset).
- Ensure the brakes are applied at the head end of the bed.
- Unclip the foot end actuator cable from the bed frame cable clips (to prevent over extending the cable).
- Remove the ‘R’ clips, spacers, and clevis pins from both sides of the bed frame, towards the foot end of the bed (8.8.1).
- Unlock the foot end castors. Whilst holding the foot end near the locking collars, pull the bed extension out until it reaches its fully extended length (the extension will stop when it is fully extended).
- Reinsert the ‘R’ clips, spacers, and clevis pins to lock the extension out. If the clevis pin will not fully insert into the frame, then the extension is not fully extended.
- Reconnect the foot end actuator cable to the bed frame cable clips.



8.7.1 Removal of extension clevis pin and extending frame

To extend the platform/leg section

Grip the platform extension at both sides and gently pull the platform extension out, keeping it parallel with the bed frame, until it locks in the extended position (8.8.2). Note that the bed frame must be extended prior to extending the platform. Returning the bed to its original state is a reverse of the above.



8.7.2 Extending of platform

Warning

- Drive DeVilbiss Healthcare Inc. recommend that the length extension is only used for those individuals who require it due to their physical height requirements, it is not to be fitted as the default for all occupants. A patient risk assessment must be performed to assess the need for the extension.
- The platform extension must be returned to its shortened length before reducing the main bed frame extension or damage could be caused to the platform extension or bed end and may pose a crushing hazard.
- If the bed is in its extended state and with the leg section profiled an opening can be created at the foot end of the bed; a patient risk assessment must be performed to assess if this poses a potential hazard to the patient - If so the leg section function must be locked out prior to use.

8.8 Checking the Bed

- The bed is now fully assembled. Before it is put into use, ensure the bed has been correctly assembled by carrying out the following checks:
- Are the locking collars on the corners of the bed securely in their locked position (refer to the warning label on each locking collar)?
- Are the two leg section mattress platform hand-wheels fully tightened?
- Have the two clevis pins been passed through the bed's central join and secured with 'R' clips and spacers?
- Has all packaging been removed, e.g. re-usable cable tie/hook and loop tape (or similar) securing the platform sections?
- Are all four mattress side retainers present? Any missing retainers should be replaced before the bed is used.
- Are the cables free of all moving parts of the bed and is there sufficient free cable to allow for movement?
- Is the bed clear of obstructions?
- Has a risk assessment been performed on the suitability of the bed (and any ancillary equipment) for the user?

8.9 Knee Break/Leg Section

Note: The operation of the leg section is dependent on the position of the ratchets as detailed below.

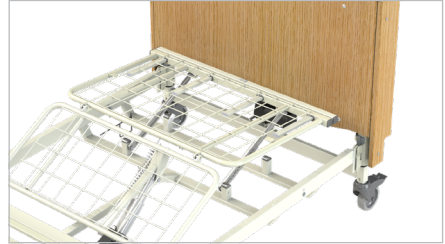
The bed is fitted with an adjustable leg section. When the leg section function on the handset is operated the height or angle of the leg section is adjusted, depending on whether or not the leg section ratchet is engaged.

Leg section angle adjustment:



8.9.1 Leg section angle adjustment

Leg section height adjustment:



8.9.2 Leg section height adjustment

To set the bed so that the leg section angle adjustment operates:

- Press the leg section button on the handset to fully lower the leg section. The ratchet will automatically default to the angle adjustment setting when the leg section is fully lowered.

To set the bed so that the leg section height adjustment operates:

- Press the leg section button on the handset to raise the leg section to maximum height.
- Taking hold of the bottom of the foot section, **slowly** lift the section manually so the ratchet engages, stopping when the required angle has been reached.

Note: The ratchet will reset if lifted to its full extent, and will therefore not engage the leg section height adjustment.

- The foot section will now be raised as the leg section is driven up/down. The ratchet will automatically reset when the leg section is fully lowered again, defaulting the leg section to the angle adjustment setting.



Warning

Before attempting to engage/disengage the ratchet mechanism either:

- Ensure there is no load on the foot section, or
- Support the foot section with a second able bodied person.



Caution

The leg section is only to be used for the lifting of a patient's legs - any other use may damage the bed frame.

8.10 Lockout Function

The handset is supplied with a lockout function which enables the carer to disable any of the bed functions if they are deemed unsuitable for the occupant. The lockout function on the handset is to be used at the discretion of the carer.

To lock/unlock a function, insert the handset key provided into the desired function port and turn to the required position (clockwise to lock, anti-clockwise to unlock). When a function has been locked a yellow indicator will appear above that function.

Note: the handset functions are likely to be in the locked state when the bed is first installed.



8.10.1 Locked function

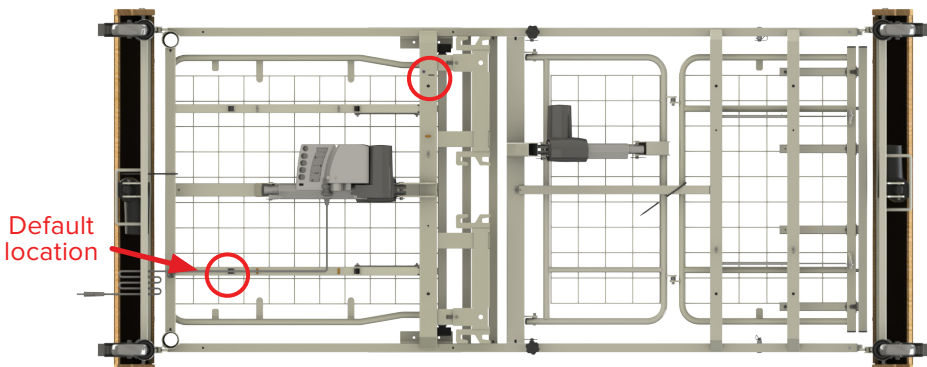
Warning

- Engage the lockout functions if a patient could be injured due to inadvertent motion of the mattress platform.
- If children, patients who lack capacity or even pets pose a potential risk of intentional or unintentional tampering with the bed the lockout function on the handset is to be used at the discretion of the carer.
- Consideration is to be taken with regards to the storage of the handset lockout key to minimise the risk of it being swallowed or posing a choking hazard to a baby, child, bed occupant or any other person.
- Consideration is to be taken when storing the handset lockout key to minimise the risk of unauthorised users changing the lock setting.

8.11 Relocating the Mains Cable Bracket

The mains cable bracket is factory fitted at the end of the backrest, however depending on your bed type, it may be possible to relocate it to a more central position on the mattress platform to assist in situations where power sockets may be less accessible.

The two potential mains cable bracket locations are circled below:

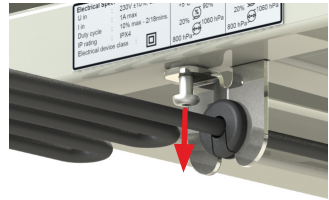


To remove the mains cable bracket from its current mounting point:

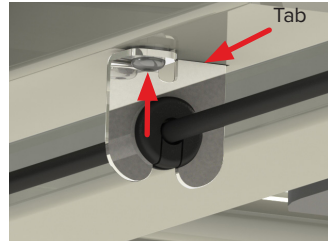
Unscrew the fixing securing it to the bed and lift the bracket away.

To secure the mains cable bracket to the alternative mounting point:

- Locate the tab on the bracket inside the slot in the tube and insert the screw through the bracket and into the mounting point. Fully tighten the screw to ensure the bracket is fastened securely to the bed.
- Ensure the mains cable is routed appropriately and any excess cable length secured in the orange mains cable clips to avoid kinking or shearing of the cable during operation of the bed.
- Check that an adequate length of free cable is available to account for full movement of the backrest by raising and lowering the backrest section, ensuring the cable is not at risk of stretching/straining.



8.11.1 Removing mains cable bracket



8.11.2 Fitting mains cable bracket

Drive DeVilbiss Healthcare Inc. recommends that the mains cable exits the bed from the default location at the end of the backrest, and that the mains cable bracket is always returned to the default position at the end of the backrest with the mains cable correctly routed prior to disassembly of the bed and assembly onto the transport stands.

Warning

- The mains cable bracket must be secured to one of the two mounting points on the bed at all times. Failure to adequately secure the bracket to the bed may lead to kinking or shearing of the cable which may lead to exposed live wires - risk of electrocution.
- Inappropriate routing/positioning of the mains cable could cause kinking or shearing of the cable which may lead to exposed live wires, even when the bracket is secured to one of the two mounting points - risk of electrocution.

8.12 Installation/Preparing for Use

Prior to operating the bed for the first time the following simple checks must be performed:

- Ensure the bed and all accessories are at room temperature.
- Ensure the bed has been cleaned and disinfected (see section 13).
- Ensure the brakes on the castors have been applied.*
- Before locking the castors, ensure they are aligned so that they run parallel to the length of the bed.
- Ensure the mains cable is plugged into an appropriate mains socket.
- The handset may be in a locked or unlocked state, ensure it is set according to the patient requirements (see section 9.4 for handset operation).
- Using the handset ensure the bed is level (see section 9.4 for handset operation), before positioning the bed according to the patient's needs.

* All four castors should be locked to prevent inadvertent movement of the bed. If the bed will be used in tilt, it is advisable to unlock the foot end castors whilst operating the function to prevent the castors from dragging over the floor during the tilting motion. Once the required tilt position is reached, all castors should be locked.

Warning

After assembly of the bed there should be no parts remaining, however consideration is to be taken in the event of spare components (pins, clips etc.) being evident to minimise the risk of them being swallowed by the bed occupant or any other person; this could pose a choking hazard.

Keep the bed away from sources of heat and naked flames (e.g. cigarettes, fireplaces, electric fires, fan heaters etc.) – Close proximity could damage the electrical system and/or pose a fire hazard.

Ensure the mains cable is plugged into an appropriate power source at all times.

Ensure the electrical cables are not in tension, paying particular attention to the mains cable when the bed/backrest travel up/down.

Ensure that all cables and the handset are clear of all moving parts to prevent damage to the electrical components.

Inappropriate handling/positioning of the mains cable could cause kinking or shearing of the cable which may lead to exposed live wires - risk of electrocution.

Drive DeVilbiss Healthcare Inc. recommend the bed is left in its lowest position when the patient is unattended in order to reduce the risk of injury due to a fall.

Before operating the bed ensure the patient is positioned appropriately ensuring all limbs are clear of moving parts to reduce the risk of patient injury.

 **Warning**

- The mains plug is the disconnect device for the means of isolating the bed from the electrical wall outlet, the plug must be accessible at all times.
- Precautions are to be taken when routing cables from external equipment around the bed to ensure that they do not become crushed, trapped or damaged - damaged cables could pose a risk of electrocution/fire.
- A CSA, cUL or cETL marked extension cable must only be used when it is not possible to reach a wall socket with the equipment mains cable – contact Drive DeVilbiss Healthcare Inc. or the equipment provider for information regarding the safe use of extension cables.
- If an extension cable is used never overload it by plugging in appliances that together will exceed the maximum current rating stated for the extension cable – risk of fire.
- ‘Block’ adaptors should not be used.
- Ensure multiple socket outlets are not positioned under the bed frame - liquids that leak onto such a socket could pose an electrical/fire risk.
- Any electrical component that is part of the bed frame or associated ancillary equipment that is found to be damaged must be removed from service immediately and replaced - damaged electrical components could pose a risk of electrocution/fire.
- Consideration is to be taken in the positioning of the bed cables and handset cable to minimise the risk of accidental strangulation resulting from entanglement of the bed occupant or any other person.

 **Caution**

- If the bed has come from a storage/transport temperature environment near to the minimum or maximum values stated allow the bed to adjust to room temperature for a minimum of 2 hours prior to plugging the bed into the electrical wall outlet - risk of electrical system damage if operated outside of the recommended temperatures.
- Avoid placing the bed frame in direct sunlight - direct sunlight could damage the electrical system and/or cause the bed to fade in colour over time, including fading of the bed labelling.
- Avoid placing the bed frame in a moisture rich environment –prolonged exposure to moisture could damage the electrical system and/or have a detrimental affect on the bed frame components.
- Special care should be taken when fitting an air mattress to the bed as incorrect fitting could damage the bed frame.
- When the bed is operated, ensure that obstacles such as over bed tables and other furniture are not causing an obstruction.
- Ensure the bed is positioned an appropriate distance from walls/other furniture to prevent equipment damage when operating the bed (particularly when operating in tilt)
- If the bed is being used in conjunction with a hoist ensure the under bed clearances are checked before lowering the bed to minimum height - risk of frames clashing.
- Special precautions regarding EMC need to be taken, the bed is to be installed and put into service according to the EMC information provided in section 17.

9. OPERATION OF THE BED

9.1 Operational Limits

- Ambient temperature: +5°C to +40°C
- Humidity: 20% - 90%
- Atmospheric pressure: 600.05 mmHg (800hPa) to 795.06 mmHg (1060hPa) (altitude ≤ 2000m)

9.2 Brake System

The bed has four braked castors.

- To apply the brakes: Press the brake pedal down on each of the four castors using the foot - Drive DeVilbiss Healthcare Inc. recommend appropriate footwear is worn to operate the pedal safely.
- To release the brakes: Push the brake release pedal down on each of the four castors (located on top of the castor).

When the bed is in use Drive DeVilbiss Healthcare Inc. recommend all brakes are applied in normal use – Foot end castors should be unlocked if the tilt function is to be used.

9.3 Electrical Operation

The bed is supplied with an easy to use handset. The handset may be operated by the occupant or carer. If the carer is to operate the bed ensure that the occupant is made aware of the action(s) about to take place.

Holding down of the relevant button causes the desired function to operate, releasing the button causes the operation to terminate and all movement to stop.

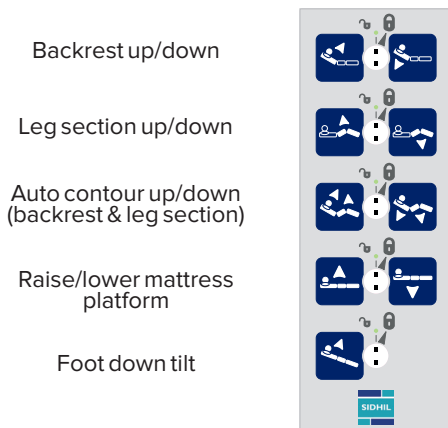


Warning

- Ensure a risk assessment is undertaken to ensure the suitability of the occupant using the handset.
- The handset cable must also be considered in regards to the risk of accidental strangulation of the bed occupant or any other person - If the cable introduces an unacceptable risk it is recommended that the handset is removed from the bed.
- Before lowering the bed ensure no one is in close proximity to the underside of the bedframe - risk of crushing.
- As standard, the handset provided omits a head down tilt (Trendelenburg) function for safety reasons. If the Trendelenburg function is required a replacement handset can be purchased featuring this function. Please refer to section 18 for the part code, refer to the contact information in section 2 to order or to request further information – Drive DeVilbiss Healthcare Inc. recommend the use of the standard handset when the bed is being used in a domestic environment.

Caution

- If the bed is continuously used for an extended period of time and it exceeds the duty cycle the control box may become temporarily disabled or irreparably damaged – see section 16.2 for further detail.
- Before lowering the bed ensure the area underneath is free from objects/obstructions - risk of damage to the bed and object/obstruction.



9.3.1 Handset functions

When the bed is in the foot down tilt position the platform is levelled via the mattress platform raise/lower buttons to take the frame fully up or down until the platform is level.

10. ASSEMBLY ONTO THE TRANSPORT STANDS

Warning

- Before attempting to assemble the bed onto the transport stands ensure these instructions have been read and fully understood.
- Ensure a risk assessment in line with local health and safety policy is undertaken to ensure that staff are not put at risk when performing assembly activities.
- Take care when assembling the bed onto the transport stands, the sections are of considerable weight (see section 16).

Electrics

- Flatten and lower the bed to its minimum height (see section 9.3).
- Unplug the mains cable from the mains socket.
- Using a flat bladed screwdriver remove the retaining clip from the control box.
- Unplug the bed end and leg section actuator cables from the control box.
- Detach the cables from the cable routing clips on the underside of the bed.

Bed Frame

- If the bed is in the extended position, retract the extension (see section 8.7).
- Using the two reusable cable ties/hook and loop straps that come with the bed, secure the moving parts of the backrest and leg section to the bed frame halves.
- Remove transport stands from the under bed storage brackets.
- Release the castor brakes.
- Loosen the hand wheels in the middle of the bed frame and remove the clevis pins, 'R' clips and spacers from the central joint.
- Whilst supporting both halves of the bed frame near the centre of the bed, split the bed in half by carefully pulling the sections apart and gently lower onto the floor - this may be considered easier with the help of a second able bodied person.
- Apply the castor brakes on the bed ends.
- Unlock both locking collars on one bed end (collar must be lifted before turning).
- Whilst supporting the bed end, lift the platform half away from the bed end and gently position both sections appropriately.
- Repeat for the remaining half of the bed.

Assembling onto the Transport Stand

- Hook both transport stands onto one bed end, taking care to ensure the brackets are both oriented correctly (each stand has an identifying mark showing the correct side -10.2).
- Turn both locking collars into the locked position.
- Hook the remaining bed end onto the transport stands.
- Turn both remaining locking collars into the locked position.
- Before lifting the backrest and leg section frames, ensure the moving parts have been secured with re-usable cable ties or similar.
- Carefully lift the leg section and lower the open ends onto the vertical tubes of the transport stands, ensuring the electrics are facing inwards. The leg section must be fitted to the transport stands before the backrest section.
- Carefully lift the backrest section and lower the spigots through the larger open tubes on the transport stands, ensuring the electrics are facing inwards.
- Tighten the hand wheels on the leg section frame.



10.1 Transport stand marking



10.2 Bed on transport stands

11. POWER FAILURES

The bed does not have battery backup functionality. In the event of a power failure the bed will not function, resulting in the backrest and/or leg section remaining in the last position being used (for example, a raised position).

The backrest and leg section are operated via two individual actuators that are located underneath the mattress platform. If either the backrest or leg section actuator is raised in the event of a power failure and needs to be lowered:

- Locate the actuator supporting the relevant section.
- Hold/support the section - It is recommended that two carers support the section*.
- Remove the pins that hold each end of the actuator in place, and remove the actuator.
- Gently lower the section(s) to the flattened position.
- The function that has been manually lowered should be locked out on the handset until the actuator is reattached.



Warning

* If the section is to be lowered with a patient in the bed, a risk assessment should be carried out to determine the weight applied to the backrest and whether it is possible to lower the section safely. It is recommended that two carers support the section prior to lowering. When the pins are removed there is nothing supporting the section, the carer(s) holding the frame must be ready to support the weight on removal of the pin.

For beds that feature battery backup functionality, the bed can be operated normally via the handset in the event of a power failure. The bed functions may operate at a slower speed when the bed is operating from the battery.

13. DECONTAMINATION

Infection control and routine cleaning must be carried out in accordance with your local infection control policy or regulatory body.

It is advisable to remove any accessories that are fastened to the bed. These instructions apply to the bed and all accessories, excluding pads and mattresses.

Warning

- Always disconnect the bed from the main power supply prior to cleaning.
- Ensure all ports on the electrical system (control box and actuators) have cable plugs fully inserted to maintain the IP rating.
- Regular cleaning and disinfection of the bed frame and relevant accessories will help to prevent the risk of infection to the occupant and/or carer.
- Prior to transferring the bed frame/accessory to another user ensure it has been cleaned and disinfected using the method as detailed below to help prevent the risk of cross infection.

13.1 Cleaning and Disinfection Guidelines

General Cleaning:

- The bed should be cleaned by starting with the cleanest parts of the bed and systematically moving to the dirtiest parts. Extra care should be taken around areas where excess dirt or dust may gather.
- The cloth should be changed during the cleaning process if it becomes soiled.
- Wipe down with a clean cloth moistened with a mild detergent and dilute with warm water (40°C).
- Rinse with cold, clean water and a clean cloth, and allow to fully dry before use.

Decontamination:

- Mop up any fluid with paper towels.
- Wipe bed down using cold clean water.
- Wipe down with a 0.1% Chlorine solution (1,000ppm) in cold water.
- Rinse with cold clean water and a clean cloth and allow to fully dry before use. Always ensure the cleaned parts are allowed to dry before putting the mattress back in place.

In cases of blood spills or other bodily fluids it is recommended that a 1% Chlorine solution (10,000ppm) is used instead.

Note: If any of the stages stated above are omitted or combined it will reduce the effectiveness of the clean.

 **Caution**

The use of neat bleach or similar surface cleaners is not recommended as damage may be caused to the cleaned surfaces.

13.2 Steam Cleaning

The Solite Pro Low can be dry steam cleaned. The individual manufacturer's instructions should be followed when using a steam cleaner and the following precautions observed:

- Avoid directing steam directly at electrical components and reduce steam pressure when cleaning near electrical items and connections.
- Avoid directing steam directly at wooden components and reduce steam pressure when cleaning near wooden components.
- Use soft brushes and wiper cloths as recommended by the steam cleaner manufacturer.
- Do not use excessive force or steam pressure on labels.
- Ensure the bed is dry and all debris from the cleaning process has been removed prior to reuse.
- Ensure all electrical functions operate as normal once the bed has been cleaned and dried.

 **Caution**

Do not use high pressure hoses on the bed as they could cause damage to the electrical components.

14. MAINTENANCE

14.1 General Inspection

Drive DeVilbiss Healthcare Inc. recommends that authorised personnel perform frequent visual and operational inspections. If there are any signs of damage or the bed is not performing as it should withdraw it from service until the bed has been repaired and is fit for use again.

Periodically check to ensure that:

- The bed operates as per its intended purpose.
- All parts are present.
- All fixtures and fittings are tight.
- The frame is mechanically sound, with no cracking, particularly around welded areas.
- No parts show signs of excessive wear.
- Ensure wooden components are free of cracks or deformation.
- The electrical components display no sign of damage - if so turn off at the mains and remove the bed from use immediately.
- The bed is cleaned following the guidelines in these instructions for use.

14.2 Fault Finding

Listed below are a set of electrical faults that may occur within the service life of the bed. If a fault does occur please try the following suggestions, as these may help in diagnosing the fault.

Fault	Possible Cause	Remedy
Electrical function(s) do not work	Functions locked out on handset	Unlock function(s) - see section 8.10
	Mains cable not plugged into the control box or wall	Check to see if the 'power on' light on the control box is lit and the mains cable is plugged in at both ends
	Fuse has blown in the mains plug	Check to see if the 'power on' light on the control box is lit, if not replace fuse
	Actuator/handset cables not plugged in	Check plug connections on the control box and actuators
	Damage to electrical component(s)	Turn off at the mains and contact an approved service engineer
	Heavy load on the bed and the duty cycle has been exceeded	If the control box has exceeded its duty cycle, permanent damage will have occurred, a replacement control box will be required
Electrical function(s) working slowly	Heavy load on the bed	Remove load
Incorrect functions work when handset operated	Cables plugged into incorrect ports on control box	Review cables and graphic on control box to assess if connections are correct

14.3 Servicing

Only authorised service personnel or Drive DeVilbiss Healthcare Inc. service engineers should carry out repairs or service activities. Failure to do so may result in the manufacturer's warranty becoming void. **The bed must be serviced once yearly, as a minimum.**



Warning

- Failure to carry out the following checks at the stated frequency could negatively influence the essential performance of the bed and as a result put the patient at risk.
- Always disconnect the bed from the mains power supply prior to performing any maintenance procedures (when not checking electrical functions).
- Modification of the bed frame is not allowed without the permission of Drive DeVilbiss Healthcare Inc. - a hazard could be introduced.
- The bed should be vacated by the patient before any maintenance or inspection takes place. If it is not possible due to the patient's mobility, a risk assessment should be carried out, and if deemed safe to proceed, care should be taken for the service engineer to avoid contact with the patient when working on electrical items.
- Only Drive DeVilbiss Healthcare Inc. approved components, specified for the Solite Pro Low bed, should be used - if in doubt contact Drive DeVilbiss Healthcare Inc. or your local distributor.
- Electrical system components are only to be replaced by authorised service personnel or a Drive DeVilbiss Healthcare Inc. service engineer.
- Never attempt to re-wire any components.

To maintain the bed's essential performance the following checks must be performed:

- Check that all electrical functions operate correctly on the handset.
- Check that all electrical components and cables are in good condition - If not turn off at the mains and remove bed from use until replacement parts are available.
- Check the retaining clip is fastened to the control box, securing the electrical cables in place.
- Check that the red retaining ring is correctly inserted and clipped into the control box securing the mains cable in place.
- Check that all four mattress side retainers are present, any missing retainers should be replaced before the bed is used.

- Check that all nuts, bolts and fasteners are tight and that none are missing or incomplete.
- Check that all locking collars and hand wheels are present.
- Check that the backrest and leg rest functions (angle and height adjustment modes) work correctly.
- Check the castors lock/unlock correctly and that when locked the castors do not swivel or roll.
- Check that all product labels are present and intact.
- Check that the frame is mechanically sound with no cracking around the welds, bending of tubes etc.
- If any gaps appear to be outside of specification remove the bed from use until the dimension of the gap in question has been confirmed.
- If in doubt about the correct replacement of a component contact Drive DeVilbiss Healthcare Inc. or your local distributor.
- Refer to the service manual for part codes and assembly detail. Copies are available from Drive DeVilbiss Healthcare Inc. Contact details can be found in section 2.

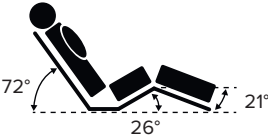
15. DISPOSAL OF PARTS

- When the bed frame, any associated accessories and/or the electrical system has come to the end of its useful life, follow local, municipal and State policies – For further information contact Drive DeVilbiss Healthcare Inc. (see section 2).
- The electrical system on the bed frame is not to be disposed of in general municipal waste. Some of the electrical components could be harmful to the environment and where viable the components can be recovered and reused/recycled.
- The steel, wood and plastic components are also to be separated and disposed of following the local recycling policy as these can also be recovered and recycled.

Warning

The bed and any associated accessories are to be decontaminated before disposal to avoid risk of cross contamination.

16. SPECIFICATION

16.1 Bed Data		SOLITE PRO LOW - N.A. AND CANADIAN SPECIFICATION
Product code	SOLITE/PRO/LOW/CA	
Overall length	87.8" (2230mm)	
Overall width	38.0" (965mm)	
Overall width	39.96" (1015mm)	
Mattress platform height	11.6" (295mm) - 28.2" (715mm)	
Under bed clearance (to underside of frame when bed is lowered)	9.7" (245mm)	
Under bed clearance (to underside of actuator when bed is lowered)	3.9" (100mm)	
Mattress platform length	79.1" (2010mm)	
Mattress platform length (extended)	85.6" (2175mm)	
Mattress platform width	35.6" (905mm)	
Foot down tilt*	0 - 12°	
Mattress platform angles (max)		
Safe working load	396.8 lbs (180kg)	
Maximum patient weight	421lbs (191kg)	
Product weight (on transport stand)	200.6lbs (91.0kg)	
Part weights	Leg section	44.1lbs (20.0kg)
	Backrest	50.7lbs (23.0kg)
	Bed ends (each)	46.3lbs (21.0kg)
Application environment	3 & 4	
Shock and vibration	To be used on a flat level floor (e.g. vinyl/carpet/laminate based)	
UV	Intended for indoor use only	



Warning

- * As standard, the handset provided omits the head down tilt (Trendelenburg) function for safety reasons. If Trendelenburg function is required, a replacement handset can be purchased featuring this function. Please refer to section 18 for the part code, and to the contact information in section 2 to order or to request further information – Drive DeVilbiss Healthcare Inc. recommend the use of the standard handset when the bed is being used in a domestic environment.
- The Solite Pro Low does not meet the upper height requirements of EN 60601-2-52:2009, if patient requirements are such that the height range is deemed to pose a potential hazard the Solite Pro Low should be used instead, please refer to the contact information in section 2 to request further information.


16.2 Electrical Data

The Solite Pro Low is intended for use in environments that use the following power supplies, such as North America and Canada.

Voltage in: ~120V, 60Hz.
 Current in: 1.7A
 Duty cycle:* 10%
2 mins of continuous use followed by **18 mins** not in use.

* Electrically operated beds are intended to be operated intermittently rather than continuously. If the bed is operated continuously for up to 2 minutes it must then be left for at least 18 minutes before reuse to allow the electrical system to cool sufficiently. **If the bed is continuously used for an extended period of time and it exceeds the duty cycle the control box may become temporarily disabled or irreparably damaged.**

Safety standards: EN 60601-1
 EN 60601-11
 EN 60601-2-52

Electrical shock prevention: 

Applied parts: Mattress platform
 Profiling sections
 Bed ends
 Handset
 Side rails

Liquid ingress protection: IPX4 - Splash resistant

Noise level: 66.9 dB(A) max

Environmental conditions:

	Operational Limits*	Transportation/Storage Limits
Ambient Temperature	+5°C to +40°C	-10°C to +50°C
Humidity	20% - 90% at 30°C non condensing	20% - 90% at 30°C non condensing
Atmospheric Pressure	600.05 mmHg (800hPa) to 795.06 mmHg (1060hPa)	600.05 mmHg (800hPa) to 795.06 mmHg (1060hPa)
Altitude	≤ 2000m	≤ 2000m

* Always ensure the bed is brought up/down to room temperature before plugging in and operating - Drive DeVilbiss Healthcare Inc. recommend the bed is left for a period of two hours or more to reach room temperature.

17. ELECTROMAGNETIC COMPATIBILITY (EMC)

The Solite Pro Low electrical system has been designed to meet the EMC requirements of EN 60601-1-2 however it may still be affected by or emit harmful radio frequency (RF) energy. The RF emissions from the electrical system are very low and are not likely to cause any interference to nearby electronic equipment, however interference to sensitive equipment is still possible. Likewise if the immunity limits of the electrical system are exceeded the system may be seen to operate abnormally.

If the bed or any alternative equipment is found to be operating abnormally turn off the piece of equipment that is believed to be causing the interference (if possible) to identify the source of the RF energy. Once identified mitigation measures are to be taken, such as the separation distances being increased and/or the device(s) being re-orientated.

If the bed continues to operate abnormally, turn off at the electrical wall outlet and contact Drive DeVilbiss Healthcare Inc. or your local distributor (see section 2).

For specific emissions and immunity information relating to the bed, please contact Drive DeVilbiss Healthcare Ltd or your local distributor (section 2).



Warning

- The bed should not be used adjacent to or stacked with other medical electrical equipment, where viable. If adjacent or stacked use is necessary, the bed and associated medical electrical equipment should be observed to verify normal operation — if not taken in to account, abnormal operation could occur.
- Use of accessories and cables other than those specified or provided by Drive DeVilbiss Healthcare could result in increased electromagnetic emissions or decreased electromagnetic immunity of the bed and result in improper operation.
- Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 12" (30cm) to any part of the bed (including its cables), otherwise a degradation in performance could result.

18. ACCESSORIES

A full range of accessories, including various approved mattresses are available from Drive DeVilbiss Healthcare Inc.

GRAB HANDLES	CODE
Standard grab handle	15006LPSTDRAIL
Short grab handle	15006LSHRTRAIL
Telescopic side rails	15006LEXRAIL

Characteristics of the accessories can be found in the relevant accessory's instructions for use.

Warning

Accessories that have not been approved or designed for use with the bed are not be used - A hazard could be introduced due to product combination incompatibility.

Caution

- It is essential that dynamic mattress straps are only attached to the moving parts of the profiling mattress platform. If the straps are incorrectly fitted around the main section of the mattress platform, serious damage could occur to various components of the bed. If in doubt contact your provider or Drive DeVilbiss Healthcare Inc.
- Ensure the dynamic control box is not positioned on the side rails, risk of control unit falling off when side rails are lowered.
- When fitting a mattress, ensure it is seated inside the mattress retainers at the sides and foot end of the bed, and that the leg section extension is located in its fully retracted or fully extended state. If the leg extension is not correctly located in position, damage to bed components could occur.

Warning

- Ensure extension blocks are positioned centrally to the platform. If offset to one side a gap will be introduced between the extension block and the side rail, introducing a potential asphyxiation risk.
- Care must be taken when raising the backrest when used in conjunction with the standard grab handle (15006LPSTDRAIL), as the gap between the two components can introduce a finger entrapment hazard with the mattress retainers, positioning dependent. Refer to grab handle instruction manual for specific positioning detail.
- Dynamic mattresses are not to be used with the bed in its extended state - no suitable extension blocks available to fill the gap, as such a hazardous gap will be generated.

Drive DeVilbiss Healthcare Inc. cannot be held responsible for any injury or incident which relates to the use of any product combinations not approved by Drive DeVilbiss Healthcare Inc. It is the carer's responsibility for selecting and fitting the products correctly and ensuring that the product combination is compatible.

19. SERVICE LIFE

The Solite Pro Low bed has a service life of 10 years*.

The accessories listed in section 18 have a service life of 10 years* with the exception of:

- Mattresses: Refer to the individual instructions for use

*On the basis that the bed and its associated accessories are serviced and maintained in accordance with the information detailed in section 14 of these instructions for use and the individual instructions provided with the accessory in question.

20. WARRANTY

Drive DeVilbiss Healthcare Inc. warrants that this product will perform in accordance with its specification and will remain free from defects in material and workmanship when used under normal conditions for a period of 10 years on the frame, 5 years on the mechanical (which is 1 year full parts and labour, 4 further years parts only) and 2 years on the electrical, from the date of purchase from the date of purchase from Drive DeVilbiss Healthcare Inc. and its subsidiary companies. If purchased from an authorised dealer or international distributor, the product is warranted for 1 year parts only.

DRIVE DEVILBISS Healthcare Inc. MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY, NON-INFRINGEMENT AND FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED. IN NO EVENT WILL DRIVE DEVILBISS Healthcare Inc. BE LIABLE FOR PUNITIVE, SPECIAL OR CONSEQUENTIAL DAMAGES, OR FOR AN AMOUNT IN EXCESS OF THE PURCHASE PRICE OF THE DEFECTIVE DRIVE DEVILBISS Healthcare Inc. PRODUCT OR PRODUCTS.

Proof of purchase must be presented with any claim. Except as provided herein, this warranty will not apply to any Drive DeVilbiss Healthcare Inc. products that have been (a) damaged by lightning, water, or power surges, (b) neglected, altered, abused, or used for a purpose other than the purpose for which they were designed, (c) repaired by you or any other party without Drive DeVilbiss Healthcare Inc. prior written authorisation, (d) used in conjunction with a third party product or products not approved in advance by Drive DeVilbiss Healthcare Inc., (e) damaged or failed by or attributes to acts of God, (f) damaged, caused by failure to follow instructions, or (g) otherwise used in a manner inconsistent with any instructions provided by Drive DeVilbiss Healthcare Inc. The warranty explicitly exempts consumable items.

This warranty contains the entire agreement between you and Drive DeVilbiss Healthcare Inc. with respect to any warranty matters, and supersedes any and all other written or oral statements, representations or agreements relating to the subject matter of this warranty.

In the event of a product defect during the warranty period you should contact your supplier, whether it be Drive DeVilbiss Healthcare Inc., its subsidiary companies, authorised dealers or international distributors who will at their option unless otherwise provided by law; a) correct the defect by product repair within the terms of the warranty b) replace the product with one of the same or similar design or c) refund the purchase price. All replaced parts and products on which a refund is made become the property of Drive DeVilbiss Healthcare Inc. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This limited warranty gives you specific legal rights and you may also have other rights.

Drive DeVilbiss Healthcare Inc. cannot be held responsible for any injury or incident which relates to the use of this bed in conjunction with accessories manufactured by companies other than Drive DeVilbiss Healthcare Inc.

Drive DeVilbiss Healthcare Inc. has a policy of continual product improvement and reserves the right to amend specifications covered in this document. No part of this document may be reproduced without the written approval of Drive DeVilbiss Healthcare Inc.



CONTACT INFORMATION

Ph: 1-877-224-0946 Fax: 516-988-4601

www.drivemedical.com

Drive DeVilbiss Healthcare Inc., 99 Seaview Blvd., Port
Washington, NY 11050

A member of the Drive DeVilbiss Group of Companies



ORIGINAL INSTRUCTIONS

INSTRUC/SOLITE/PRO/CA, VER.A.11.21