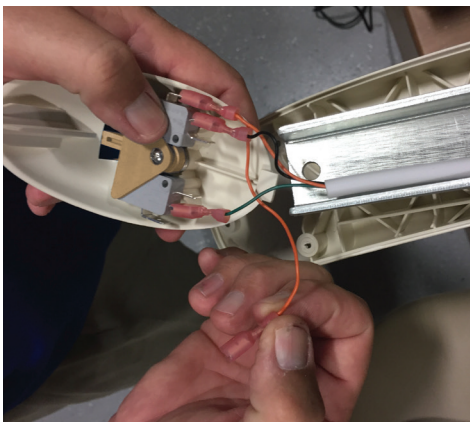
Pinnacle Stair Lift

SL300 / SL300FR
INSTALLATION MANUAL

Harmar®



ATTENTION! STRICT ADHERENCE TO THESE INSTALLATION INSTRUCTIONS is required and will promote the safety of those installing this product, as well as those who will ultimately use the lift for its intended purpose. Any deviation from these instructions will void the LIMITED WARRANTY that accompanies the product. Additionally, any party installing the product who deviates from the INSTALLATION INSTRUCTIONS shall be taken to agree to INDEMNIFY, SAVE AND HOLD HARMLESS the manufacturer from any and all loss, liability or damage, including attorneys fees, that might arise out of or in connection with such deviation.

72618 P/N: 630-00100 Rev E

Contents

Read and understand this manual prior to attempting stair lift installations. Please refer to the Owner's Manual for Limited Warranty information and operating instructions. The Owner's Manual must be reviewed with and given to the owner of the lift before it is put into service.

Any alterations to the equipment without written authorization by the manufacturer may void the warranty.

Harmar lifts are designed to be installed with as little assembly by the installer as possible. If you have questions, concerns or comments related to installation, please contact Harmar's Technical Service Department.

SYMBOLS USED IN THIS MANUAL

READ MANUAL - *Pay close attention to the instructions in the manual.*

CAUTION - *Hazardous situation. If not avoided, could result in serious damage to property.*

WARNING - *Hazardous situation. If not avoided, could result in serious injury to installer or user.*

TIP - *Helpful tips that will facilitate ease of installation.*

INDICATIONS OF USE STATEMENT

The Pinnacle SL300 Series is to assist transfer of patients or mobility impaired persons, up and down between levels of a residential home.

Tools Required

The following is a suggested list of basic tools to have on hand during installation.

- ☐ Cordless drill
- ☐ Allen wrenches (5/64", 5/32", 3/16", 5/16")
- ☐ Phillips screwdriver (#3)
- ☐ Nut driver (3/8" and 5/16")
- ☐ 6-10" driver extension
- ☐ T30 Torx bit (included)
- ☐ Level
- ☐ Hack saw or chop saw
- ☐ SAE socket set
- ☐ SAE wrenches
- ☐ Tape measure
- ☐ Volt Meter

Included Parts

Before beginning installation, please inspect and check the box contents. Report any damage to your dealer.

Chassis Box:

Chassis

In Tray

2 Wireless call/send hand controls
Power supply with power cord
Manual overide tool
Installation Manual
Owner's Manual
Warranty Registration form

Rail Box:

Bottom rail pre-installed with:
Bottom end plate
Charge strip wire harness
Bottom limit cam
Joint pins and joint brackets
(two-piece rail only)
Plastic gear rack
Top rail pre-installed with:
Charge strip wire harness
Rail accessories (plastic bag):
Top end plate
Compression bolts (2 sizes)
Self-cutting screws (1/4"-20 X 1")
Torx T30 driver bit

Rail Bracket Box:

Rail brackets (2, 3, 4, or 6 per set)
Wood screws (#14 X 2" (4 per rail bracket)

Chair and Footrest Box:

Chair with seat belt
Footrest
Seat swivel post with fasteners
Retractable seat belt (optional)

Rail Parts (plastic bag):

Extra plastic racks (2 or 3)
Top limit cam

A. DETERMINE OVERALL RAIL LENGTH

(Only if rail did not come pre-cut to length)

1. Determine any obstructions that will affect the position and length of the rail. These may include walls, doors, hallway orientation, etc.

2. Measure the overall length of the stairs from the nose at the top landing of the stairs to the floor at the bottom (nose to floor measurement, (128"). *[Figure 4-1]*

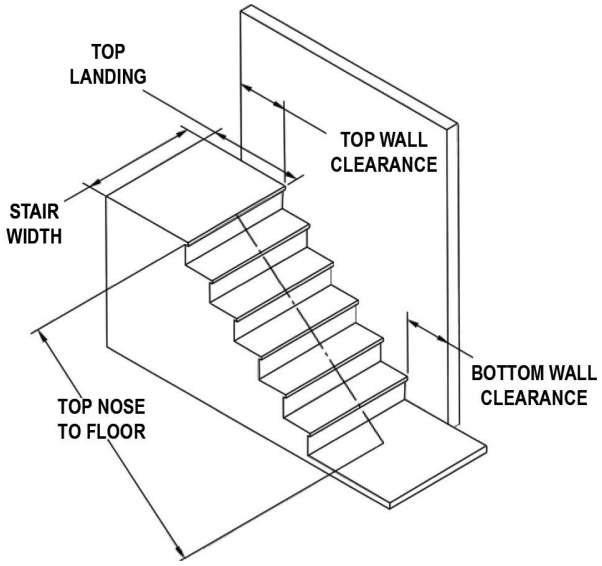


Figure 4-1

3. For a normal stairway with adequate space for a landing, add 13" to the nose to floor measurement. This will provide enough rail length to allow the stair lift to be adjusted so that the floor-to-seat height will be the same at both the top and bottom (e.g., 141").

4. If the top landing has restrictions (i.e., a wall or doorway), use the chart below to determine the length of extension that should be used.

5. To cut the rail, use a standard 12" chop saw, with a blade designed to cut aluminum.

TIP *Do not cut rail inside the house (aluminum chips are very hard to remove from carpets)*

Extension

7 in	9 in	11 in	13 in
3.9 in	5 in	6.1 in	7.2 in

Horizontal intrusion on top landing

TIP *DO NOT cut the end of the rail that contains the joint holes.*

Remove the charger strips and wire harness before cutting.

Installation Site Electrical Requirements - The lift shall be connected to a dedicated 120V 15A electrical circuit.

B. RAIL INSTALLATION

1. Open the rail box and remove the contents.

2. Position the bottom rail (the rail with end plate attached) directly on the stairs with the end plate towards the bottom of the stairs and the plastic rack facing up. Place an object that measures 1/2" between end plate and the floor. *[Figure 5-1 and 5-2]*

Figure 5-1

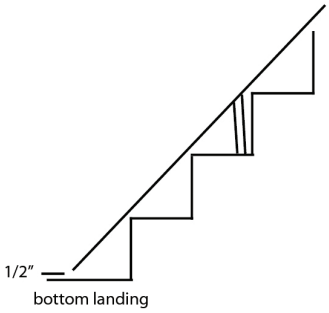


Figure 5-2

TIP

Use the chair box, or another heavy object, like a toolbox, at the bottom to prevent the rail from sliding down the stairs.

3. Position the two ends of the rail close together. Locate and connect the plug on the ends of the two power harnesses inside the two rail pieces. *[Figure 5-3]*

4. With the plastic rack facing up, slide the top rail into the bottom rail and guide them together using the pre-installed pins. Gently tap the top rail if necessary to get them close together. Be cautious not to pinch the power harness. *[Figure 5-4]*

5. Install two (2) joint fasteners and firmly tighten with 3/16" Allen wrench. Then slide rack pieces down to cover joint. *[Figure5-5]*

6. Turn over joined rails and install the remaining two (2) joint fasteners and firmly tighten with 3/16" Allen wrench. *[Figure 5-6]*

7. Install rail brackets with label facing the wall by loosening the screws and snapping each bracket edge into the slot, or slide the brackets on from the top of the rail. *[Figure 5-7]*

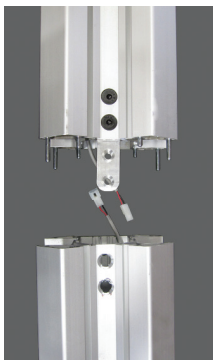


Figure 5-3

Figure 5-4

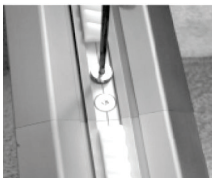


Figure 5-5

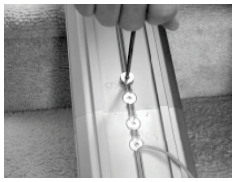


Figure 5-6

Figure 5-7

TIP

The brackets are tightened from one side only. It is important that the bracket be installed with the nut side facing the wall so when the rail is turned over to its correct orientation the screws will be accessible.

8.

A. For double rails, the first rail bracket should be tightened in place so when turned over the back of the bracket touches the rear of the first step from the bottom landing. The second and third brackets should be placed and tightened on the steps on each side of the rail joint, again so the back of the bracket touches the rear of the step. The fourth and final bracket should be placed on the last step before the top landing, again tightening it so it touches the front of the rear of the last step.

B. Tighten the first rail bracket in place so when turned over the back of the bracket touches the rear of the first step from the bottom landing. Place the other rail on the last step before the top landing, again tightening it so it touches the rear of the last step.

Figure 6-1

9. Turn the rail right side up (plastic side facing up). *[Figure 6-1]*

Figure 6-2

10. Measure any obstruction from the wall (this may include handrails, molding, light switches, etc.) and adjust the edge of the brackets an equal distance from the wall. The minimum distance will be 1.0" from the wall or any obstruction.

11. The underside of the rail must be at least 3" above the stair tread nose to provide clearance for the footrest. To achieve this 3" clearance move the rail and bracket forward. Once the clearance is 3", tighten all bracket nuts to hold the brackets in position. To maintain the 3" clearance, and to hold the rail in place, secure the bottom bracket to the first step from the floor with 3" wood screws, using a 3/8" nut driver on a 6-10" extension of a cordless drill. *[Figure 6-2 and 6-3]*

Figure 6-3

C. CHASSIS INSTALLATION

1. Remove chassis from box. Lift the chassis with the manual override hole (on bottom) facing the downhill side of the stairs and gently slide the chassis onto the rail until it makes contact with the plastic rack. DO NOT LET THE CHASSIS FREE FALL DOWN THE RAIL. *[Figure 7-1]*

WARNING

Be careful not to trap fingers between the rail and the chassis.

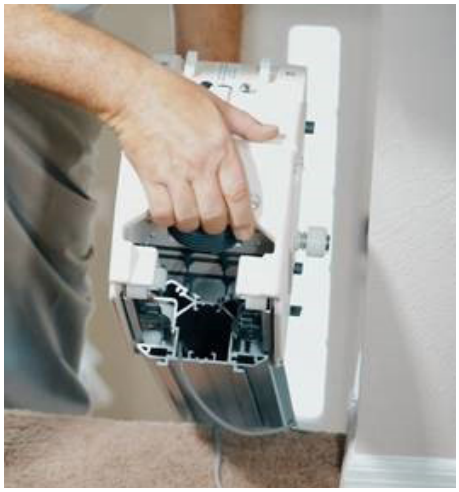


Figure 7-1

2. Use the installation switch (the black switch on the top of the chassis) to move the chassis at least 24" down the rail, pushing gently on the chassis to ensure the chassis does not pull any rack to the top. *[Figure 7-2]*

Figure 7-2

Installation Switch

3. Loosen, but do not remove, the four (4) seat-leveling bolts two (2) on each side of the chassis) and then align them vertically using a level. Firmly tighten the two (2) bolts on the side of the chassis facing the wall. *[Figure 7-3]*

WARNING

Do not ride on the chassis or lift until the install is complete.

Figure 7-3

2 bolts on either side of chassis

D. FINAL RAIL INSTALLATION

1. Install the remaining plastic rack pieces in the upper rail. *[Figure 8-1]*

2. Use a hacksaw or chop saw to cut the last plastic rack piece flush with the rail end. Place something on the floor to catch debris or mark and cut the rack outside. *[Figure 8-2]*

The exposed, cut end of the plastic rack should be facing the top end of the rail (the factory-cut side should butt against the lower rack).

3. Slide the top limit cam into one of the cam slots (it doesn't matter which side), and tighten the pre-inserted Allen screw with a 5/64" Allen wrench. This will be used to set the final upper limits for the stair lift *[Figure 8-3*].

4. Remove charging strip from the rail box. Connect charging strip connector to the power wire that runs through the center of the rail from the lower charging strips. *[Figure 8-4]*

Insert the two (2) charger strips into the keyed slots at the top of the rail (while standing on the top landing looking down). The charging strip with the red wire should be inserted into the left slot with the metal strip facing out. The charging strip with the black wire should be inserted into the right slot with the metal strip pointing out. *[Figure 8-4]*

Bend the red and black wire tabs in toward the center of the track.

Insert excess cable into the rail, leaving the pigtail with the Molex connector on the outside.

Figure 8-1

Figure 8-2

Figure 8-3

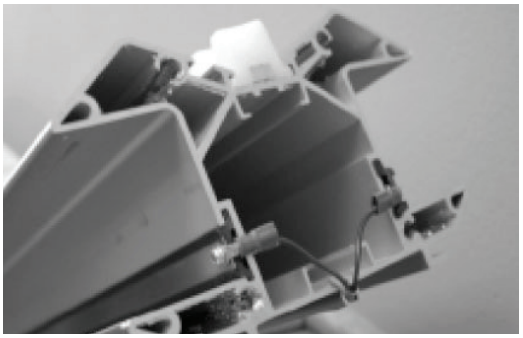


Figure 8-4

5. Install the end plate to the top of the track with the four (4) self-cutting Torx screws using the supplied T30 Torx bit. *[Figure 9-1]*

TIP

Too much torque applied to these screws may result in damage. Take your time and apply grease to threads.

Figure 9-1

6. Install one of the rack pre-compression screws in the threaded hole in the top plate of the rail, and tighten it as firmly as possible by hand with a 5/32" Allen wrench. *[Figure 9-2]*

There are two (2) kinds of pre-compression screws:

- 3/4" for rails under 12 ft
- 1" for rails over 12 ft

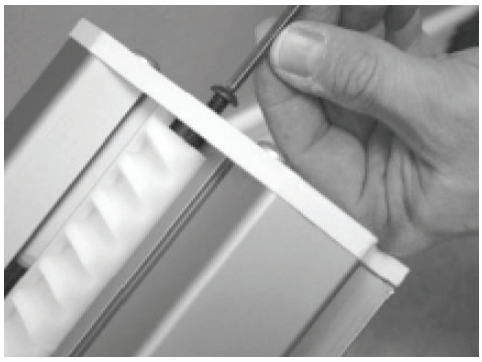


Figure 9-2

7. Plug in the power supply at either end of the rail, depending on the closest or most convenient location of a wall power supply. Minimize wire length and intrusion. *[Figure 9-3 & 9-4]*

WARNING

Use care in routing the charger lead. If possible, secure along or inside wall to avoid creation of a tripping hazard.

Figure 9-3

Figure 9-4

E. FOOTREST & SEAT INSTALLATION

1. Use the installation switch to drive the chassis down to the bottom step. This will provide a safe area to install and adjust the footrest. DO NOT drive the unit into bottom stop.

2. Turn the red "ON/OFF" switch located on the top of the chassis to the "OFF" position (0).

3. Remove the four (4) screws holding the vertical seat support shroud in place with a Phillips screw driver (#3) and set aside.

4. Position the footrest onto the two (2) seat-leveling bolts on the outside of the chassis by aligning the large opening at the slot ends of the footrest. *[Figure 10-1]*

TIP

If the wrong set of connectors are used, the unit will work backwards.

5. Ensure the footrest is fully engaged. Use a level to level seat and then tighten the 4 bolts on the front and back of the chassis.
[Figure 10-2]

6. If the seat swivel post is not already installed on the seat base hole closest to the top of the stairs remove the two (2) screws on the sides of the supporting using a 5/32" Allen wrench and reinstall on the proper side [oriented like Figure 10-3]. Be sure to securely tighten the two (2) bolts *[Figure 10-4]*.

7. Replace the vertical seat support shroud and secure to vertical seat support with four (4) screws that were removed in step 3.

Figure 10-1

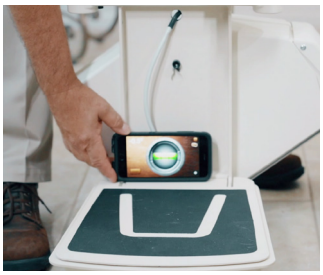


Figure 10-2

Figure 10-3
Orientation of seat posts left or right.

Figure 10-4

TIP

When the 6-pin footrest and/or the 8-pin chair cables are connected to the chassis, the black installation switch on the chassis is disabled and will not function.

8. Position the seat directly aligned over the carriage and place onto the seat swivel post. Depress the swivel lever until the seat is fully engaged with the swivel post. Check the swivel lever to test the locking mechanism. THE SYSTEM WILL NOT FUNCTION IF PROPER ENGAGEMENT IS NOT ACHIEVED. *[Figure 11-1]*

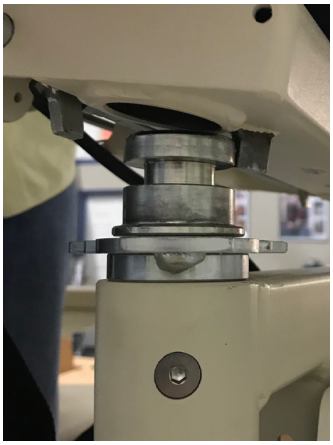


Figure 11-1

9. Connect the seat cable to the 8-pin connector on the chassis that is opposite the foot plate & closest to the wall.

Insert 6-pin footrest cable into connector that is adjacent to the 8-pin cable. *[Figure 11-2]*

Figure 11-2

F. PROCEDURE TO SWITCH ARMREST CONTROL FROM RIGHT TO LEFT HAND

1. Turn the unit off

2. Remove the integrated paddle switch / palm rest by removing screw underneath the arm *[Figure 11-3]*.

3. Disconnect the wires from the switch *[Figure 11-4]* and then cut off the connectors and remove seatbelt bolts in order to re-rout harness. *[Figure 11-5]*

4. Remove upper half of both armrests.

5. Reroute the harness to the other armrest. *[Figure 11-6]*

6. Re-terminate the wires and connect the switch.

7. Reassemble arms and reinstall seatbelt.

Figure 11-3

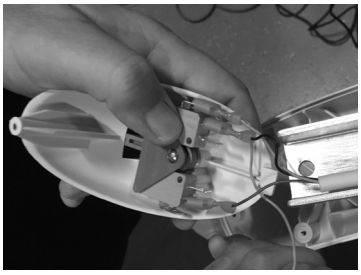


Figure 11-4

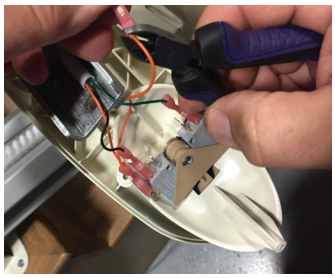


Figure 11-5

Figure 11-6

G. AUDIBLE TONES

If the lift does not operate, check the safety senors:

- Seat swivel sensor (seat should be in the locked position)
- Footrest lower sensor (check by pushing in on the safety pan on the footrest)
- Upper foot pan safety sensor (check by pushing on the safety pan on the footrest).
- **On folding rail model only**-Uphill safety sensor (ensure nothing is blocking upward passage)
- **On folding rail model only**-Downhill safety sensor (ensure nothing is blocking downward passage)

If the stairlift still does not operate after testing sensors, turn the unit off and re-check all wire

H. TONES INFORMATION

Minor faults

Single long beep (will reset once fault is cleared)

- Seat swiveled out of position
- Edge safety detected
- Current overload condition
- A Low battery voltage condition

Pulsing Beep

Lift stopped off of charge strip. Will sound after 30 second for 30 seconds. It will repeat ever 10 minutes until lift is operated or returned to charge strips.

Major Tones

Tones	Number of Beeps.
Runaway	1
No Power	2
Conflicting Switches Footrest UP & Footrest DOWN	3
*Conflicting Switches Obstruction UP & Obstruction DOWN	4
*Conflicting Switches Footrest DOWN & Obstruction UP	5
Conflicting Switches Footrest UP & Obstruction DOWN	6
Conflicting Switches STOP UP & STOP DOWN switches both Detected	7
Conflicting Switches STOP UP & STOP DOWN switches both NOT Detected	8

** If configured for your model.*

Remote Call/Send Control Operation

A. REMOTE CONTROL OPERATION

1. Press and hold the appropriate directional button on the front of the hand control.

The chair lift will operate with or without a rider. All safety sensors on the chair lift are designed to continue to operate in their normal mode.

2. If the chair lift fails to respond, this may indicate the batteries are discharged and need to be replaced. Remove the back cover of the control and replace with commonly available AAA batteries, ensuring that the polarity is correct.

B. REMOTE CONTROL RE-PROGRAMMING

All call/send controls are factory programmed. Re-programming is not normally necessary during installation.

In the event that the remote call/send control needs to be re-programmed, it is essential to program BOTH controls in one programming cycle. Do so by completing the following:

1. Start with the red "ON/OFF" switch in the "OFF" position (0).

2. Disconnect the 6-pin jumper and 8-pin chair wire harnesses from the chassis.

3. Press and hold the install switch (located on the top of the chassis) in either direction.

4. Turn the red "ON/OFF" switch to the "ON" position (I). Wait for circuit board to beep and then release the install switch.

5. The lift will begin to beep rapidly (this means the first remote control is ready to program).

6. Press and release the "UP" or "DOWN" button of the first remote control (the first remote control is now programmed).

7. Press and release the "UP" or "DOWN" button of the second remote control (the second remote control is now programmed).

8. Upon completion, two beeps will indicate that both remote controls have been programmed.

9. Turn the "ON/OFF" switch to the "OFF" position (0).

10. Connect the 6-pin jumper and 8-pin chair wire harnesses to the chassis and then turn the red "ON/OFF" switch to the "ON" position (I).

11. Test each remote control in both the up and down directions.

Completion Procedures

A. TEST ARMREST CONTROL SWITCH

1. Ensure that the unit travels correctly by operating the armrest control switch while standing in front of the unit.

2. Depress the switch in the upstairs direction to move up. The lift will begin to smoothly accelerate upwards. The lift will continue to move upwards as long as the switch is depressed.

3. Release the switch and the lift will come to an immediate stop.

4. Depress the switch in the downstairs direction to move down. The lift will begin to smoothly accelerate downwards.

5. Release the switch and the lift will come to an immediate stop.

6. Run the chair all the way up and down the rail to ensure that the top of the seat back has at least a 1/2" in clearance from the wall and any obstructions.

WARNING

Do not ride on the chassis or lift until the install is complete.

B. TIGHTEN BRACKETS

1. Install and fully tighten the rail bracket mounting screws (four (4) screws per bracket). For hardwood stairs, a pilot hole should be drilled first. For plywood or particle board stairs care must be taken to prevent stripping.

C. SET UPPER AND LOWER TRAVEL LIMITS

1. Test the lower travel limit by operating the lift downward, keeping the switch depressed. The unit should begin to decelerate about 3 in from its final resting position and stop clear of the floor.

2. The final stopped position can be adjusted to accommodate the height of the user by repositioning the limit cam located in a slot in the rail.

3. Use a 5/64" Allen wrench to loosen the set screw in the limit cam. Adjust the limit cam up or down and retighten the set screws. Repeat the above steps until the lift stops in the desired position.

4. Repeat the above steps to set the upper limits. For safety, the footrest should be set at least level with the upper landing.

5. The optimum position is met when the seat height above the floor is the same at the top and bottom of the stairs.

D. TEST SAFETY STOP SWITCHES

1. On the folding rail model only (*Unless ordered as an upgrade*) - Safety stop switches are located in both the upward and downward ends of the chassis providing protection from obstructions on the rail.

2. Safety stop is located in the footrest providing protection from obstructions and trapping hazards on the stairs.

3. A safety stop switch is part of the swivel seat mechanism and prevents the lift from operating when the swivel is in use.

4. Test all the safety stop switches by driving the lift down and touching the downward end of the chassis **(this is for the folding rail model only)**, the lower edge of the footrest, and the underside of the footrest in both its folded and unfolded positions.

5. In each of the above cases the unit should come to an immediate halt and should beep intermittently.

6. When the control switch is released, the unit should NOT be able to be driven in the direction that the lift initially engaged the obstacle. Test this condition.

7. Repeat the above tests while driving the lift in opposite direction.

8. If any safety condition does not function properly, carefully review all installation instructions, reset the "ON /OFF" switch. Repeat the above tests.

9. If any safety stop switch fails to immediately stop the lift, immediately call the manufacturer for assistance in diagnosing and repairing the problem. **DO NOT USE THE LIFT.**

E. ADDITIONAL SYSTEM CHECKS

1. After the successful testing of all safety switches, sit on the lift and operate to the top of the stairs. Keeping the control switch depressed continuously, the lift should gently decelerate and then stop at the top of the rail.

2. As a final adjustment, sit on the lift and do two (2) complete up trips and stop with the chair at the bottom. Then tighten the compression screw in the top end plate, then run the chair to the top and again tighten the compression screw. Run the chair to the middle and do a final tightening of the compression screw.

3. Drive the lift to the bottom, keeping the control switch depressed all the time, and check that the lift gently decelerates and stops so the footrest pan is clear of the floor. If necessary adjust the limit cams with a 5/64" Allen wrench.

4. Move the lift about 3 ft from either the top or bottom of the rail. After 30 seconds the beep indicating that the lift is not positioned on a charge point. The beep will stop after 30 seconds .

5. Test the seat swivel at the top by using the levers and swiveling the seat towards the landing and stop the seat at 35 and 85 degrees. The seat swivel levers will release into a locked position at each of these angles. The lift will not operate in any of these positions if the control switch is depressed. Return the seat to its normal position and the lift will now operate normally.

Folding Rail Installation

Note - The photos in this section show a "left" folding rail, assembled to be installed on the left side of the stairway. If you're assembling a "right'"side, please complete all of these steps in mirror-image to what's shown.

As always, if you encounter any difficulty, please call Harmar Technical Support at: (866) 351-2776

FOLDING RAIL INSTALLATION PROCEDURES

1. Orient the two rail brackets onto the folding rail as shown *[Figure 16-1],* with the nuts on the same side as the folding mechanism (for either left or right folding). *[Figure 16-2]*

2. Expand and snap the two brackets over the rail, so the top is in the bracket-groove. *[Figure 16-3]*

3. Partially tighten the two nuts that position these on the rail, using a 1/2" wrench (deep socket preferred), so they won't slide when you're test-fitting the position. *[Figure 16-4]*

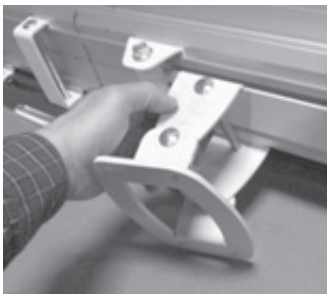


Figure 16-1

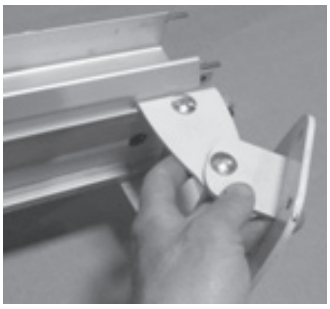


Figure 16-2

Figure 16-3

Figure 16-4

4. Place the rail onto the stairway with the bottom bracket on the second step, as shown. Note that the bottom feet should approximately rest on the floor with the rail straight, but they will be adjusted later. *[Figure 17-1]*

5. Measure to verify that the underside of the rail is more than 3" from the stair noses, both at the second step bracket and at the upper bracket. If not, reposition the brackets as needed. This clearance is required for the stair lift footrest. In some installations, you may not be able to get 3" or more with the standard stair-bracket. Contact Harmar to get tall brackets. *[Figure 17-2 & 17-3]*

6. Measure from the side of the rail to the wall. The minimum clearance that will work with a folding stair lift rail is 3". Set the folding section of the stair lift rails to a distance of 3" from the wall or more. This will leave about 1/2" of clearance at the ball of the gas-spring. *[Figure 17-4]*

Figure 17-1

Bottom bracket
3" or more

Figure 17-2

Upper bracket
3" or more

Figure 17-3

Figure 17-4

7. Fasten down the near corner of the lower bracket using a drill that has extensions at least 10" long and a 3/8" socket. *[Figure 18-1 & 18-2]*

8. Measure from the side of the rail at the upper bracket of the folding rail.

Set this at 3" or more. Screw down one corner of the bracket.

9. Join to upper rail, following regular procedures (this procedure is detailed on page 5). This procedure includes plugging the battery charging wire harness for the folding rail into the charging harness from the upper rail. The power supply itself can be plugged into either the top rail (for the top of the stairs), or to the charge plug from the folding rail, which comes out just higher than the folding mechanism for the bottom of the stairway.

10. Fasten down the other screws of both rail brackets using the power drill and long extension with the 3/8" socket. *[Figure 18-3]*

11. Adjust the height of the two feet using a 9/16" open end wrench. Set them so that both rest on the floor with the rail fully straight. The foot farther from the wall should be set a little taller than the inside one to get it to seat flat on the floor, since the Pinnacle rail brackets intentionally lean the rail toward the wall just a little. *[Figure 18-4]*

Figure 18-1

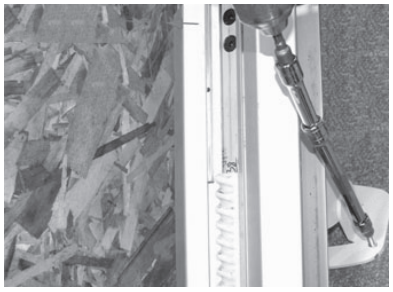


Figure 18-2

Figure 18-3

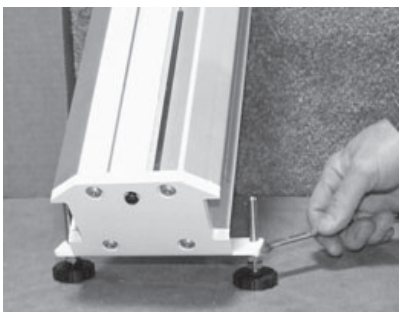


Figure 18-4

12. Reinstall the two plastic caps on the feet to cover the threads *[Figure 19-1]*

13. Carefully move the fork with your hand to make sure it operates smoothly. Allow it to go all the way to the floor. Confirm that both feet sit level on the floor and the hinge-joint is fully straight. *[Figure 19-2]*

14. Follow the normal procedure for installing rail

WARNING

Be careful not to pinch your fingers when moving the fork.

brackets and tightening them. This procedure is detailed on pages 5 & 6 (steps 7 & 8).

15. Test ride the unit a couple of times to verify that the folding rail is operating properly.

Figure 19-1

Figure 19-2

Technical Specifications

Weight Capacity	300 lb
Track (Rail) Type	Aluminum Extrusion
Travel	15'6" standard - 32' max
Avg. # of Return Trips per Charge	40
Minimum Folded Width	11.0" / 13.0" Folding Rail
Minimum Footrest Height	2.5"
Clear Distance Between Armrests	20"
Floor to Seat Height	20"
Minimum Wall to Side of Rail	6"
Seat Base	15" Deep, 18" Wide
Seatback	9.5" Tall, 16" Wide
Footrest Size	12.5" Wide, 15" Long
Electrical Requirements	120 / 240 VAC
Batteries	2 12v; 7.2amp hr.
Drive System	Nylon Polymer Worn Gear
Safety Standards	Complies with ASME A18.1 & ASME A17.5
Warranty	2 Year Parts / 10 Year Gear Rack / 1 Year Batteries

FAMILIARIZATION

It is very important to familiarize the customer with the stairlift as the final step in installation. To acheive this, walk the customer through the Owner's Manual.

1. Present the unit from seat, controls, footrest, track, on / off switch, call / sends, and power supply.

2. Demonstrate how to properly enter and exit the seat.

- **a.** At bottom with seatbelt
- **b.** At top, swiveled away from staircase, with seat belt
- **c.** If transferring, raise one armrest
- **d.** Always use seat belt

3. Show how arm controls work.

4. Show how obstruction sensors work and how relieved.

5. Show how call / sends work - line of sight.

6. Show how seat swivel interlock works.

7. Review beep codes.

8. Fold up unit when not in use.

9. Power management if not used for long duration.

- **a.** Dynamic for charging on charge strip
- **b.** Light on charger color codes

10. Battery replacement and service.

11. Warranty registration

NOTES

Pinnacle Stair Lift

SL300 / SL300FR
INSTALLATION MANUAL

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2075 47th Street Sarasota, Florida 34234

72618 P/N: 630-00100 Rev E