

Heavy Duty Stair Lift

Installation guide



500 lb. Capacity

Extra wide seat
Reinforced Footrest

Maximum Strength

Maximum Comfort

Maximum Durability

Maximum Safety

mobile ramps
AND LIFTS

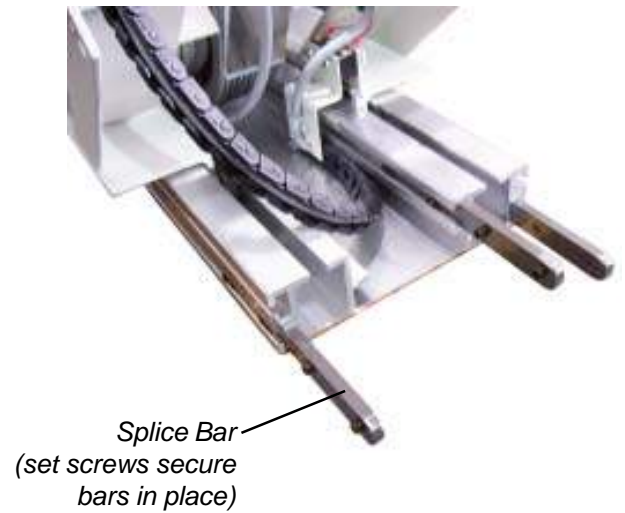
Basic Installation Steps:

1. For initial installation setup of your Mobile Ramps and Lifts Heavy Duty Stair Lift follow pages 1-5 of the "Guide to Installing your Mobile Ramps and Lifts Heavy Duty Stair Lift" booklet.
2. Track installation: The installation steps in the booklet are identical with the exception being the track must be installed at approximately 12" away from the wall, not the base board (*as noted in step #10*).
3. Routing the lower call-send control wire please refer the steps on page 8 of the booklet.
4. Installing the unit chassis please refer to page 3 of this supplement.
5. Installing plastic chain and traveling power cord please refer to the steps on pages 10-11 of the booklet.
6. Installing power cord please refer to page 4 of this supplement.
7. Installing the lower limit cam please refer to page 12 of the booklet.
8. Installing the seat please refer to pages 4-5 of this supplement.
9. Installing the upper limit cam please refer to page 6 of this supplement.
10. Installing the call-send controls please refer to the steps on page 14 of the booklet.
11. Completing the track installation please follow the steps on page 15 of the booklet.
Verify the seat can be swiveled without hitting the wall.
12. Final checks please follow the steps on page 15 of the booklet.
Slack cable reset procedure please see page 7 of this supplement.

Installing the Unit Chassis

Caution: Assistance may be needed for this part of the installation due to the weight of the equipment.

- 1) Loosed the three splice bars from their shipping position and slide them out to half way. Tighten the splice bars.



- 2) Slide the unit chassis/track section into the top of the track on the staircase. Tighten the splice bar set screws to lock the tracks together.

Note: Damage may occur to equipment if the set screws are not fully tightened.

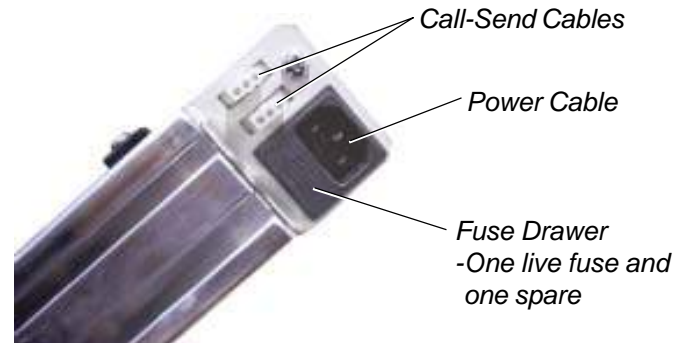
- 3) Remove the 2 shipping brackets from the track.
- 4) Attach track brackets to the unit chassis section of track at the top landing floor. *Finger tighten only.*

Installing the Power Cord

- 1) Locate the power cable and plug into the side of the upper track cover. The green light should light up - indicating the unit is receiving power. If not, check fuse in fuse drawer under the power cord outlet.

Note: *If you have difficulty seeing the green light, stand at the bottom of your steps and look up and underneath the lift.*

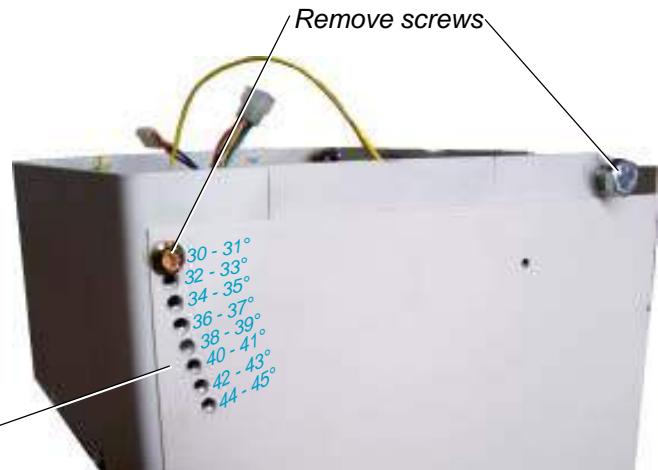
Caution: *Do not ride. Track brackets are not yet completely anchored.*



Installing the Seat

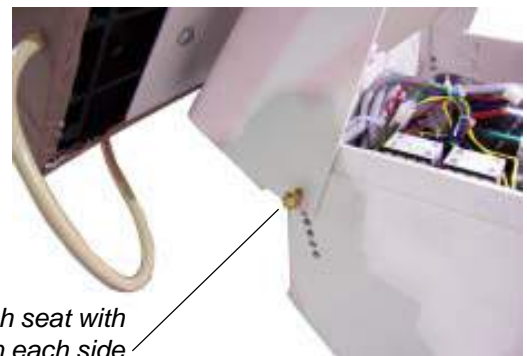
- 1) Remove the 4 seat attachment screws from the sides of the unit chassis.

Note the hole pattern that is used to level the seat

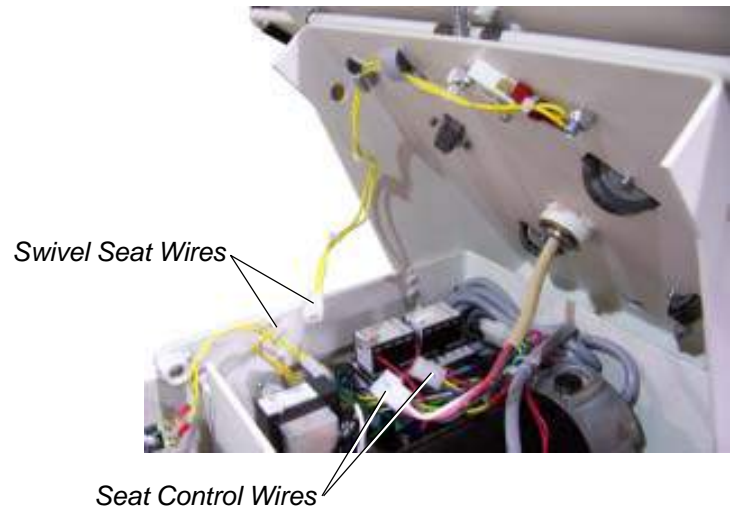


- 2) Set the seat assembly on top of the unit chassis and loosely attach to the chassis at the uphill portion of the seat (the front of the seat will be facing down the staircase).

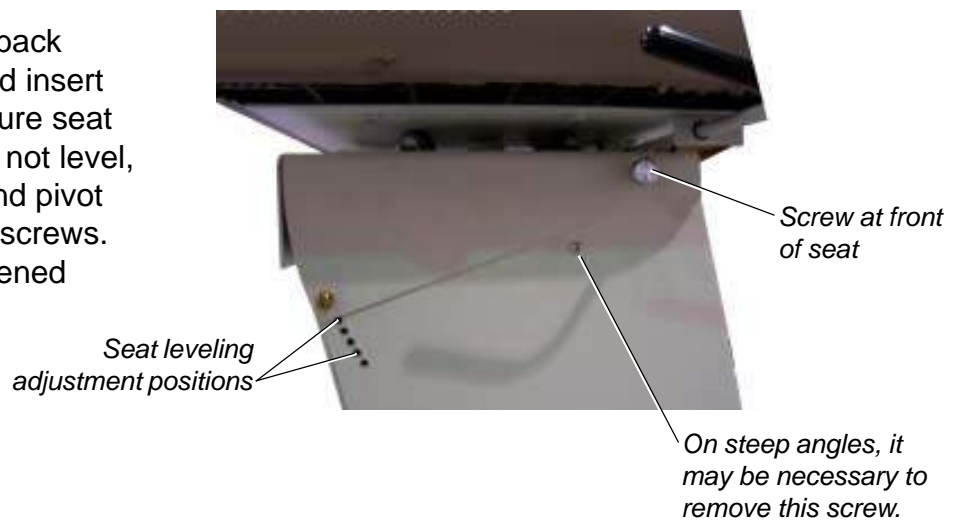
Loosely attach seat with one screw on each side



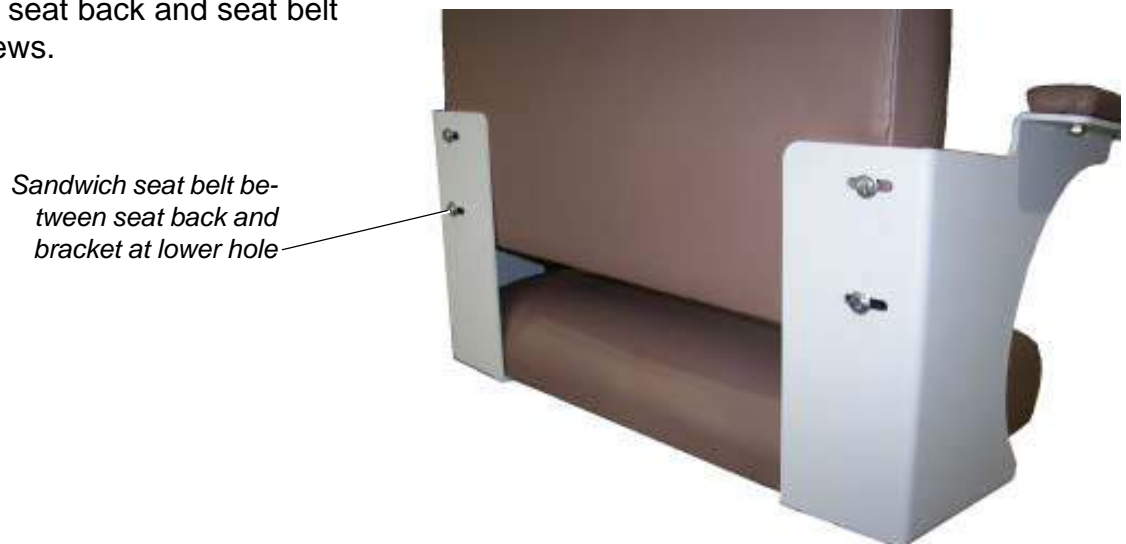
- 3) Tip the seat back and a) plug the seat control cord from the seat into the 3-prong plug (red, yellow and blue wires); and b) plug the swivel seat safety switch wires into the 2-prong plug (yellow wires)



- 4) Lower the front of the seat back down to the unit chassis and insert screws on each side to secure seat (*finger tight only*). If seat is not level, remove the uphill screws and pivot seat until level and replace screws. All four screws can be tightened after seat is level.



- 5) Attach the seat back and seat belt with 4 screws.



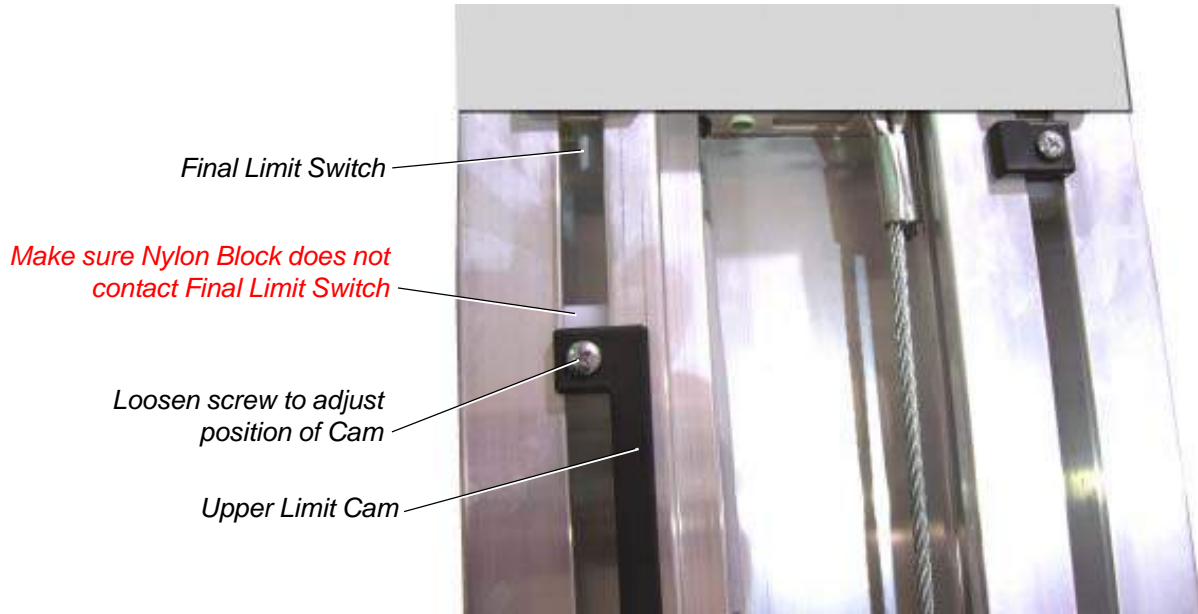
The seat will swivel 180° by lifting the swivel handle on either side of the seat. It will lock into place in the riding position and the enter/exit position.

The lift is designed so it will not run unless the seat is facing down the staircase and locked into position.

Adjusting the Upper Limit Cam

The upper stopping limit can be adjusted by moving the position of the cam near the top of the track.

If the lift fails to stop on the cam, the cam and nylon block beneath the cam will be pushed up the track until contact is made with the final limit switch. If this happens, the unit will need to be handcranked down the track and the upper limit cam will need to be moved off of the final limit switch cam.



Setup for a Right Hand Track



Setup for a Left Hand Track

Slack Cable Reset Procedure

The Mobile Ramps and Lifts Heavy Duty Stair Lift is equipped with a slack cable device that will lift in the track when the drive cable is slack. The lift is then inoperable from all controls until the device is reset.

To reset the device, grasp the steel cable (*between the lift and top of track*) and pull it straight up. You will feel the device release and the weight of the lift will be on the cable, then slowly lower the cable back down to the track.