

AUXXLIFT

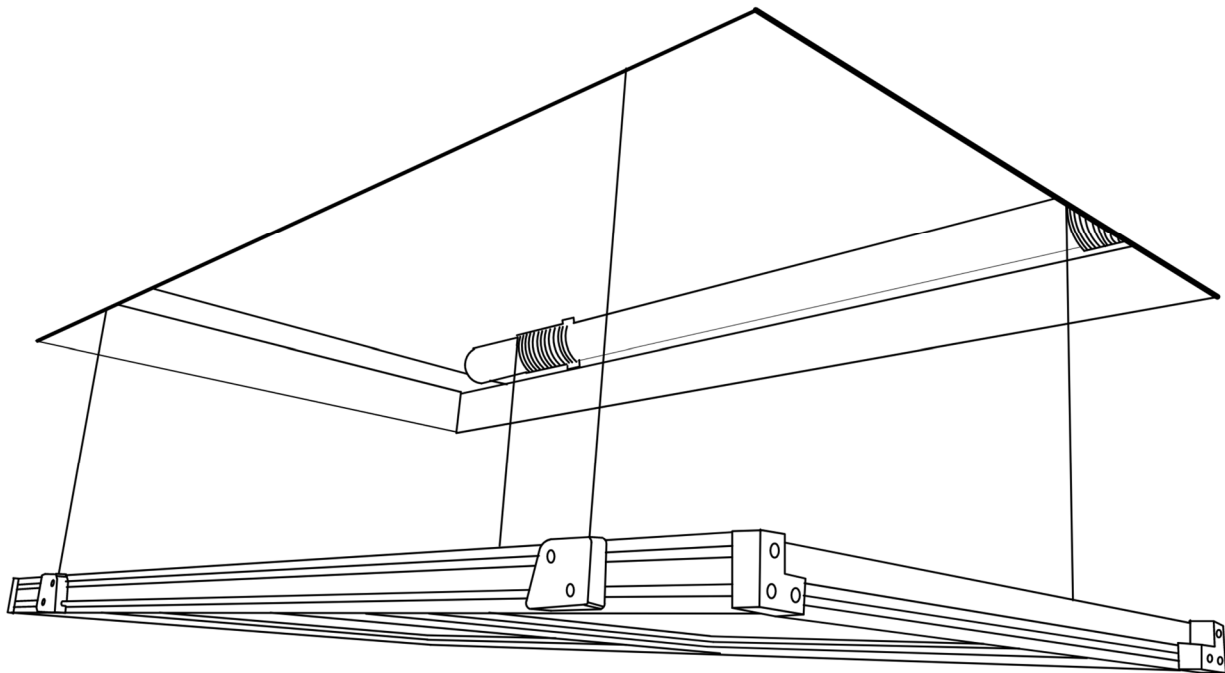
Attic Lift

Adjustment Manual

Design and Quality — AUXXLIFT of the USA

All Rights Reserved • US Patent

Release 03/2026/SW — Revised Edition



i Need Help?

Visit www.auxx-lift.com/installation-help for installation videos.

Help phone: PT 9 AM – 5 PM, Mon-Sat, at 1-888-915-5797

www.auxx-lift.com

Table of Contents

1. Important Safety Information	4
Critical Safety Rules.....	4
2. Before You Begin.....	5
2.1 Tools Required	5
2.2 Estimated Time.....	5
2.3 Motor Identification: Left vs. Right.....	5
3. Controller Overview.....	7
3.1 Controller Layout	7
3.2 Understanding the White LEDs.....	7
3.3 DIP Switch States Quick Reference.....	8
3.4 Motor Status LEDs	8
3.5 Preventing Motor Overheat.....	9
Prevention.....	9
Detection.....	9
3.6 Remote Control	9
4. Adjustment Screw Information	10
4.1 Screw Locations	10
4.2 Understanding + and – Directions.....	10
4.3 Rotation Limits.....	11
5. Preparation	12
5.1 Prepare the Work Area	12
5.2 Check Your Installation.....	12
5.3 Wiring Reference.....	12
6. Adjustment Procedure.....	13
Step 1: Verify the Lift Assembly	13
Procedure	13
Step 2: Attic Adjustment	14
Procedure	14
Step 3: Floor Adjustment	15
Procedure	15
Step 4: Activate DEADMAN Function	16
Procedure	16
7. Basic Setting (Reset Motor Adjustment).....	17
7.1 Attic Basic Setting (if lift stop point is too high).....	17
7.2 Floor Basic Setting (If lift stop point is too low).....	18

8. Troubleshooting20

 8.1 Lift Stopped Unexpectedly / Clicking Sound20

 Fix:.....20

 8.2 Clicking or Resistance When Turning Adjustment Screws21

1. Important Safety Information

⚠ READ BEFORE PROCEEDING

The Auxxlift is well-constructed and tested to safety standards. All parts are designed to fit together precisely.

The motors are pre-adjusted for easier adjustment. Altering any parts will void the warranty.

Critical Safety Rules

- **Never** cut the wire rope.
- **Never** move the cable clamps on the tubes to a different position.
- **Never** drill additional holes in any of the parts.
- **Never** use a drill for adjusting the motor adjustment screws.
- Do not change any material.
- After installation, check all screws for tightness.
- Before switching on the controller, verify all wiring connections.

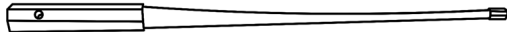
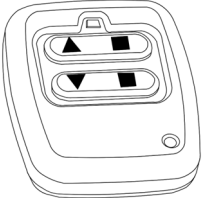

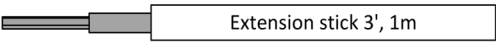
i DEADMAN Safety Feature

During motor adjustment, the DEADMAN must be OFF. After the adjustment is complete, you **MUST** switch it back ON.

The DEADMAN ensures the lift stops immediately when you release the remote control button. It is for your safety!

2. Before You Begin

2.1 Tools Required

Tool	Photo	Purpose
Adjustment tool (provided)		Turning motor adjustment screws
Remote control (provided)		Moving lift up, down, stop, learn
Level		Leveling the beams
Ladder	-	Reaching the controller and motors
Extension stick (optional)		Adjusting motors from below

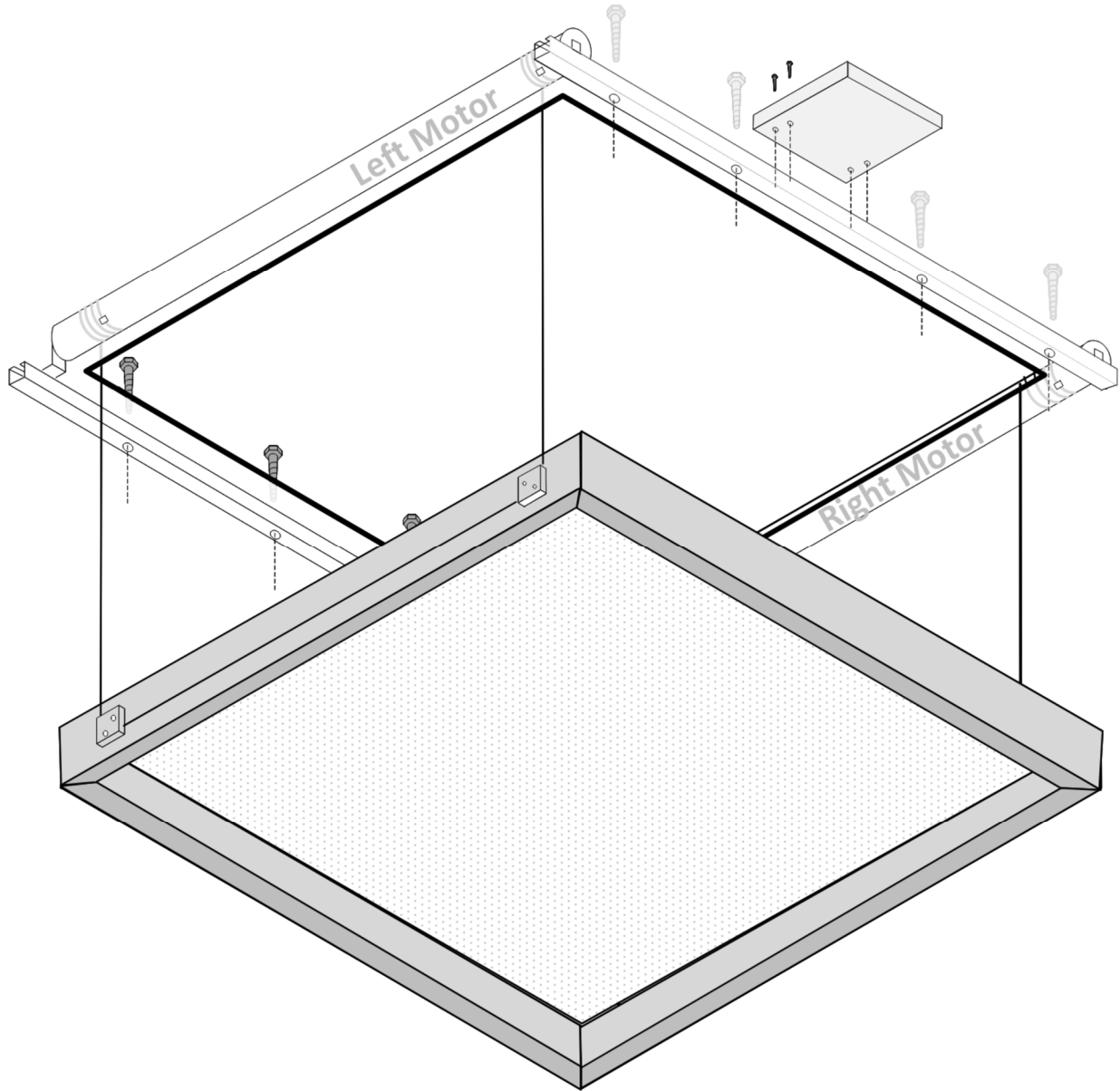
2.2 Estimated Time

The adjustment process typically takes 30–60 minutes for an experienced installer. Allow additional time if this is your first adjustment or if troubleshooting is needed. If the motors overheat, wait 15–20 minutes for them to cool.

2.3 Motor Identification: Left vs. Right

When viewing the motors from the attic floor (looking down at the motors from above):

Motor	Zip Tie Color
Left Motor	Green cable tie
Right Motor	Red cable tie



3. Controller Overview

3.1 Controller Layout

Familiarize yourself with the controller components before beginning adjustment:

Component	Label	Function
DIP Switch SW1	ADJ / DM	Position 1 = ADJ mode; Position 2 = DEADMAN
Power LED	DL1	The controller has power
Lift Activity LEDs	LED1–LED3	White LEDs: controller is active, motors can run
Indicator LEDs	DL2, DL3	Show lift direction
Motor Status LEDs	DL4–DL7	Red/green for left and right motor status
Remote Learn Button	S2	Pairs remote — do NOT use during adjustment
Running Time Button	S3	Sets run time (10s–1.5min) — do NOT use
Delay Time Pot	PT1	Sets delay (default 5) — only adjust if arrow is not pointing up
Fuses	10A / 1A	Power protection
Power Switch	– / O	Main power on/off

⚠ DO NOT TOUCH S2, S3

These controls must not be adjusted during the motor adjustment process. Changing them can cause unexpected behavior.

3.2 Understanding the White LEDs

The white LEDs (LED1–LED3) indicate that the controller is active and ready to accept motor commands.

White LED State	Meaning	What to Do
ON	Controller active; motors respond to commands	Proceed with the adjustment
OFF	Controller timed out (max 1.5 minutes)	Reactivate: press DOWN (3), run ~2 inches, STOP (2), then press UP (1)

i Controller Running Time

The controller automatically shuts off after 1.5 minutes of continuous operation. If white LEDs turn off during adjustment, reactivate before the motor adjustment screws will respond.

3.3 DIP Switch States Quick Reference

Activity	ADJ (Pos 1)	DM (Pos 2)	Notes
Checking LEDs / wiring	ON	OFF	Motors do NOT run; LEDs show status
Running motors (adjustment)	OFF	OFF	Motors respond to UP/DOWN/STOP
Normal operation (post-adj.)	OFF	ON	DEADMAN active

⚠ IMPORTANT

Before switching ADJ on, always stop the motors first. Switching ADJ while motors are running can damage the controller.

3.4 Motor Status LEDs

With ADJ ON, four indicator LEDs show motor switch and wiring status (motors do not run in this mode):

i ATTIC LIFT LED MAPPING

The attic lift has DIFFERENT switch-to-LED mapping than the standard ceiling Auxlift. On the attic lift: Outside switches control ATTIC (top) adjustment. Inside switches control FLOOR (bottom) adjustment. The LED colors correspond to the switch positions, not the direction of travel.

LED	Color	Motor	Indicates
DL4 (far left)	Red	Left Motor — Outside screw	Attic (top) adjustment status
DL5 (center-left)	Green	Left Motor — Inside screw	Floor (bottom) adjustment status
DL7 (center-right)	Green	Right Motor — Inside screw	Floor (bottom) adjustment status
DL6 (far right)	Red	Right Motor — Outside screw	Attic (top) adjustment status

Key rule: All four LEDs must be ON for the motors to run. If any LED is off, check the corresponding switch and wiring.

3.5 Preventing Motor Overheat





Prevention

- Avoid running motors up and down repeatedly without pauses.
- Allow 1–2 minutes of rest between full-travel cycles.
- Plan your adjustments to minimize unnecessary motor travel.

Detection

- Switch ADJ on and check indicator LEDs.
- If both red and green LEDs on one side are off, that motor is overheated.
- Wait 15–20 minutes for the motor to cool. LEDs return when ready.
- Switch ADJ off before continuing.

3.6 Remote Control

Button	#	Function
UP		Raises platform toward attic (up through the opening)
STOP		Stops all motor movement
DOWN		Lowers platform toward floor (down through the opening)
LEARN		Pairs remote (do not use during adjustment)

4. Adjustment Screw Information

4.1 Screw Locations

Each motor has two adjustment screws. The adjustment hole faces up (toward the attic floor) for easy access. The screw locations and functions differ from the standard ceiling Auxxlift:

Adjustment Screw	Location	Controls
Outside screw	Farther from the center of the lift	Attic (top) adjustment
Inside screw	Closer to the center of the lift	Floor (bottom) adjustment

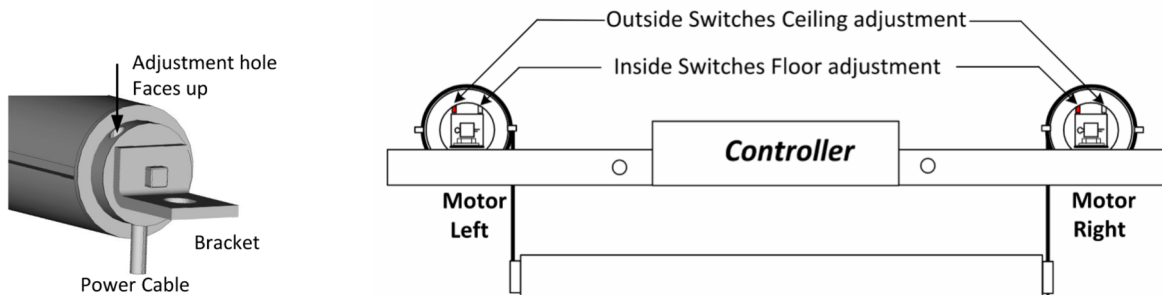
⚠ ATTIC LIFT vs. STANDARD AUXX LIFT

The attic lift switch mapping is DIFFERENT from the standard ceiling lift!

Attic lift: Outside = Attic (top), Inside = Floor (bottom).

Standard ceiling lift: Inside = Ceiling (top), Outside = Floor (bottom).

Using the wrong instructions will set incorrect limits.



4.2 Understanding + and – Directions

+ (clockwise / righty tighty): Extends travel range — platform stop-point moves closer to attic or floor.

– (counter-clockwise / lefty loosey): Reduces travel range — platform stop-point moves away from attic or floor.

i When to Use Each Direction

During initial adjustment: ONLY turn in the + (clockwise) direction.

The – (counter-clockwise) direction is used ONLY for troubleshooting and resetting limits (see Sections 7 and 8).

All four adjustment screws on both motors work the same way: + = Clockwise, – = Counter-clockwise.

4.3 Rotation Limits

Do not exceed 2 complete rotations beyond the initial setting. If you feel clicking or resistance while turning, stop immediately — you have reached a limit.

5. Preparation

5.1 Prepare the Work Area

1. Ensure the attic opening is clear and unobstructed.
2. Position your ladder or access the attic floor where you can comfortably reach the motors and controller.
3. Gather all tools from Section 2.1 within reach.

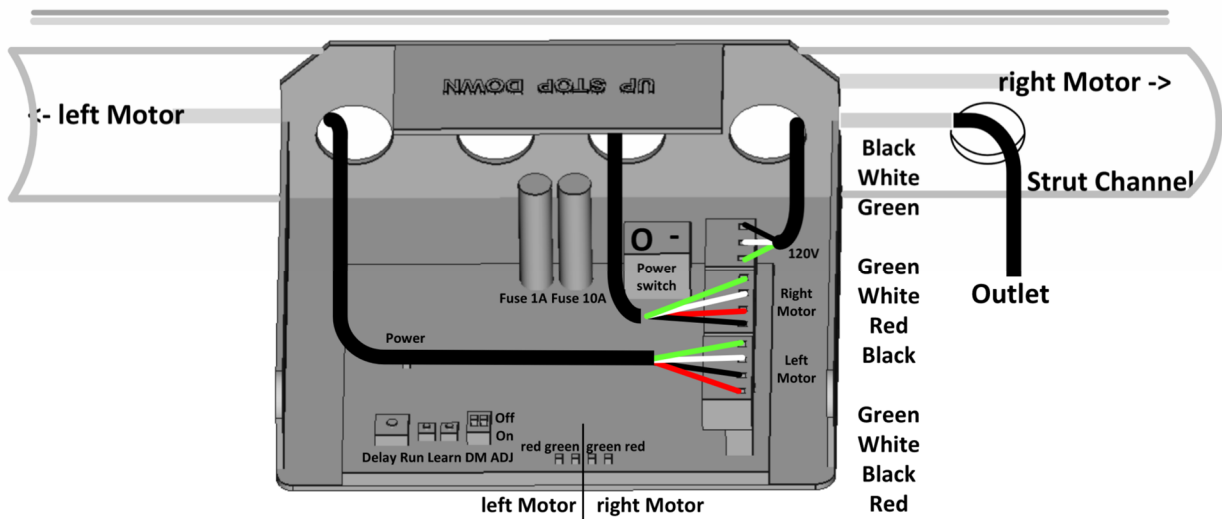
5.2 Check Your Installation

Verify the following before beginning adjustment:

1. Controller position: Mounted securely to the strut channel.
2. Wiring: All electrical wires connected in the correct order and routed properly.
3. Motor position: Left motor (green cable tie) and right motor (red cable tie) are in correct positions relative to the controller.
4. Wire rope: Positioned correctly, falling down through the attic opening. Wraps must be evenly wound with no gaps, loops, or overlays.
5. Adjustment hole: Faces up (toward the attic floor) for access from above.
6. Power cord: Properly routed and connected.

5.3 Wiring Reference

Connection	Wire Colors (in order)
Power (120V) to Controller	Black, White, Green
Right Motor to Controller	Green, White, Red, Black
Left Motor to Controller	Green, White, Black, Red



6. Adjustment Procedure

The adjustment is performed in four steps. Complete each step in order.

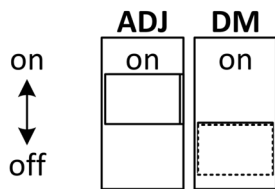
Step	Purpose
Step 1	Verify lift assembly and wiring
Step 2	Attic adjustment (top limit)
Step 3	Floor adjustment (bottom limit)
Step 4	Activate DEADMAN function

Step 1: Verify the Lift Assembly

Confirm that the lift is wired correctly and all motor switches are functional.

Procedure

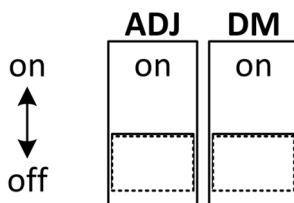
1. **Ensure motors are stopped.** Do not switch ADJ on while motors are running!
2. **Set DIP switch: ADJ = ON, DM = OFF.**



3. **Check all four indicator LEDs.** All four (two red, two green) should be illuminated.

Result	Action
All 4 LEDs ON	Wiring and switches correct. Switch ADJ off, proceed to Step 2.
One or more LEDs OFF	Check wire connections and cable connector positions. If both LEDs on one side are off, motor may be overheated — wait 15–20 min.

4. **After confirming all LEDs are on:** Switch ADJ off.
5. **DIP Switch Position: ADJ = OFF, DM = OFF.** Both must be OFF for motors to respond to commands during adjustment.



Step 2: Attic Adjustment

Procedure

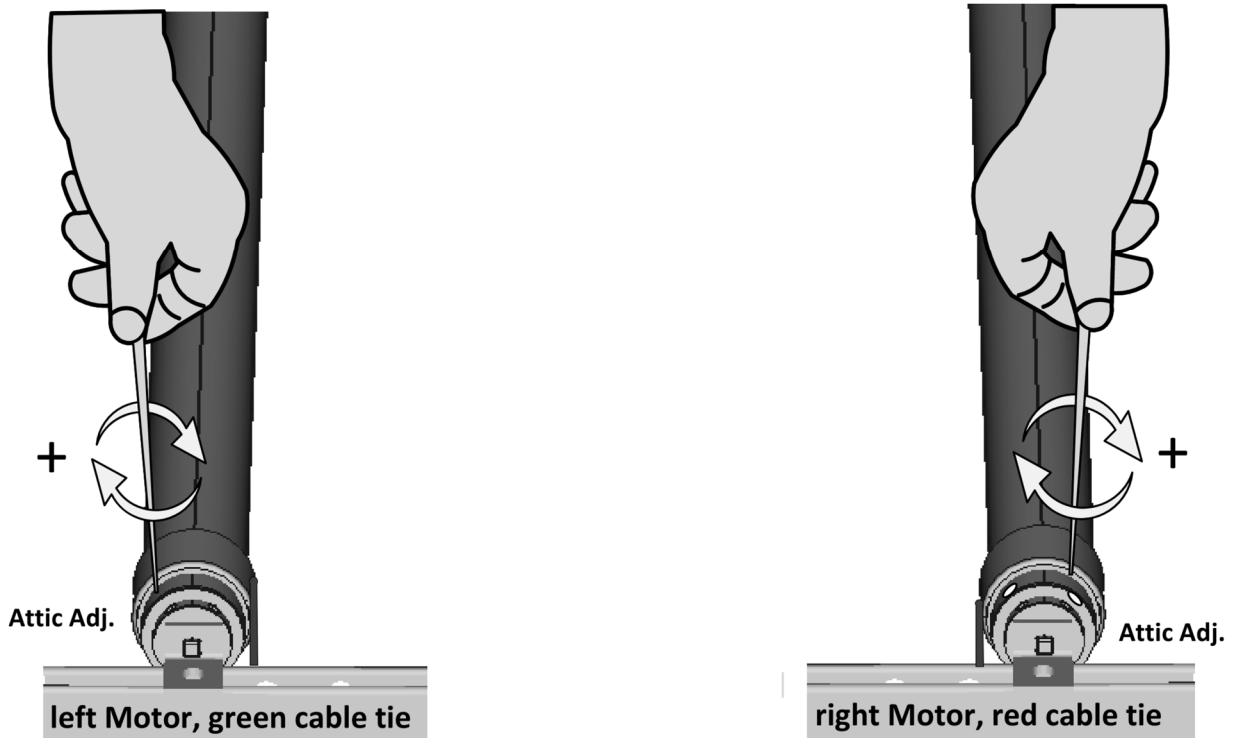
1. **Press UP (button 1)** and let the motors run until the platform stops by itself. (Do not hold the button.)
2. Does the platform stop at or before your desired attic height?

If NO: Perform the Basic Setting procedure (Section 7.1) before continuing.

If YES: Continue below.

3. **Confirm the white LEDs are on.** If off, reactivate: press DOWN (3), let it run ~2 inches, press STOP (2), then press UP (1) and let the lift run until it stops.
4. **Turn the outside adjustment screws on both motors in the + (clockwise) direction,** a minimum of 3 full turns or until desired height.

Is the motor turning? If not, you are turning in the wrong direction. Reverse.



5. **Bring both motors to your desired attic height and level the platform.**

Step 3: Floor Adjustment

Procedure

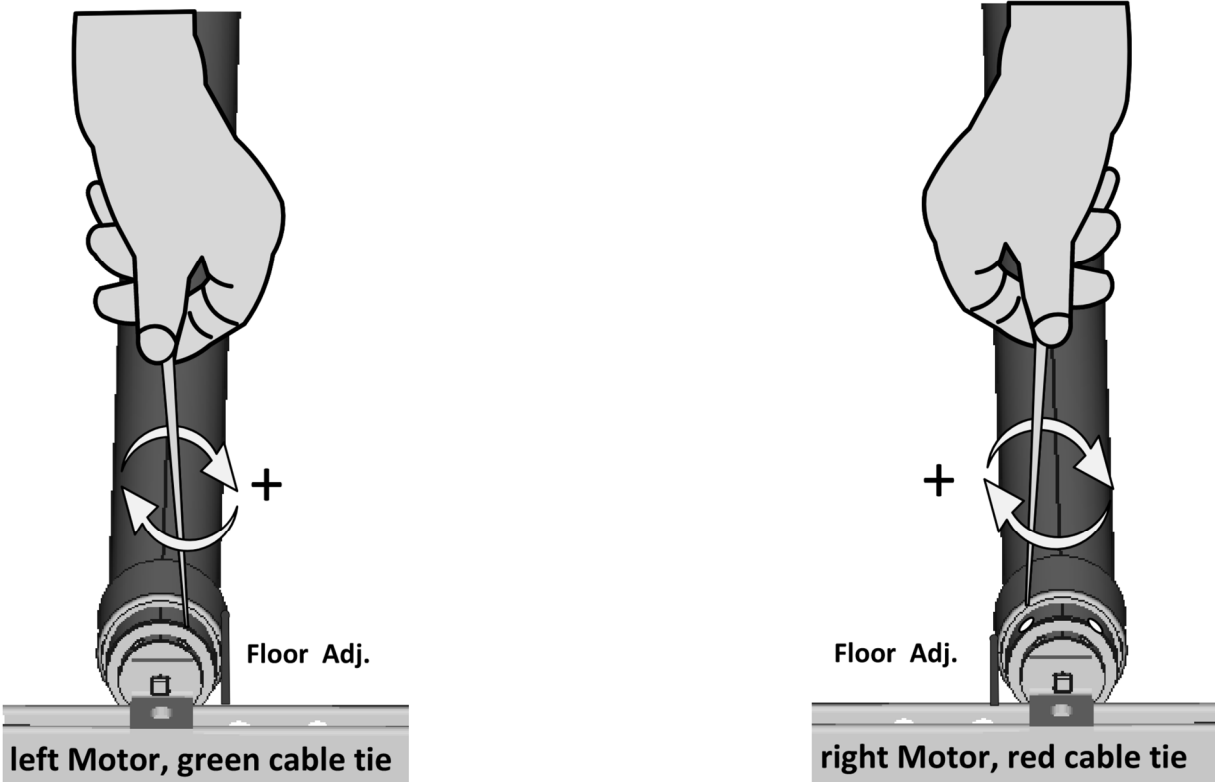
1. **Press DOWN (button 3)** and let the motors run until the platform stops by itself.
2. Does the platform stop at or before your desired floor height?

If NO: Perform the Basic Setting procedure (Section 7.2) before continuing.

If YES: Continue below.

3. **Confirm the white LEDs are on.** If off, reactivate: press UP (1), let it run ~2 inches, press STOP (2), then press DOWN (3) and let the lift run until it stops.
4. **Turn the inside adjustment screws on both motors in the + (clockwise) direction,** a minimum of 3 full turns or until the desired height.

Is the motor turning? If not, you are turning in the wrong direction. Reverse.



5. **Bring both motors to your desired floor height and level the platform.**

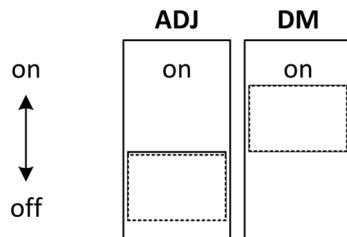
Step 4: Activate DEADMAN Function

⚠ **ACTIVATE DEADMAN**

After completing the adjustment, you **MUST** switch DEADMAN (DM) back to ON.
Set DIP switch: ADJ = OFF, DM = ON. This is for your safety!

Procedure

1. **DIP Switch Position: ADJ = OFF, DM = ON.**



✓ **Automatic Leveling**

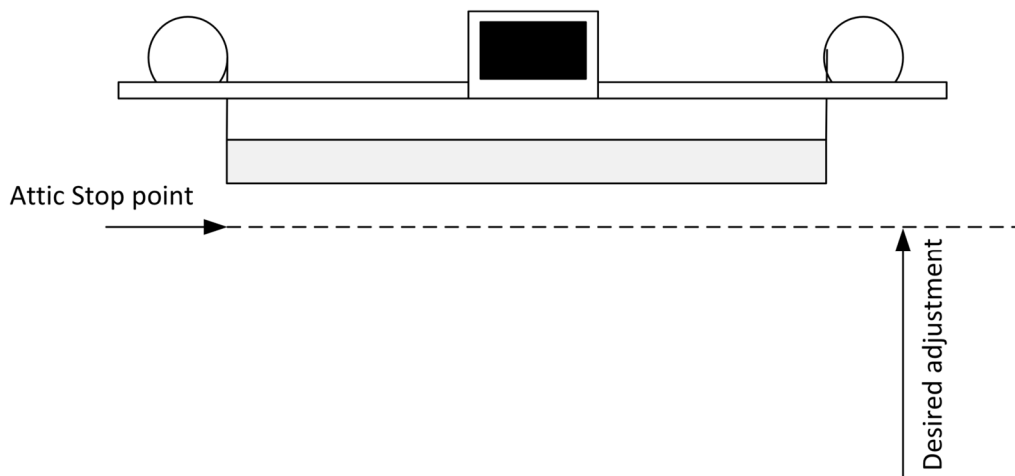
Hold the UP button until both motors stop at the attic position.

The lift must run to the attic end points (stop automatically) in order to be leveled properly.

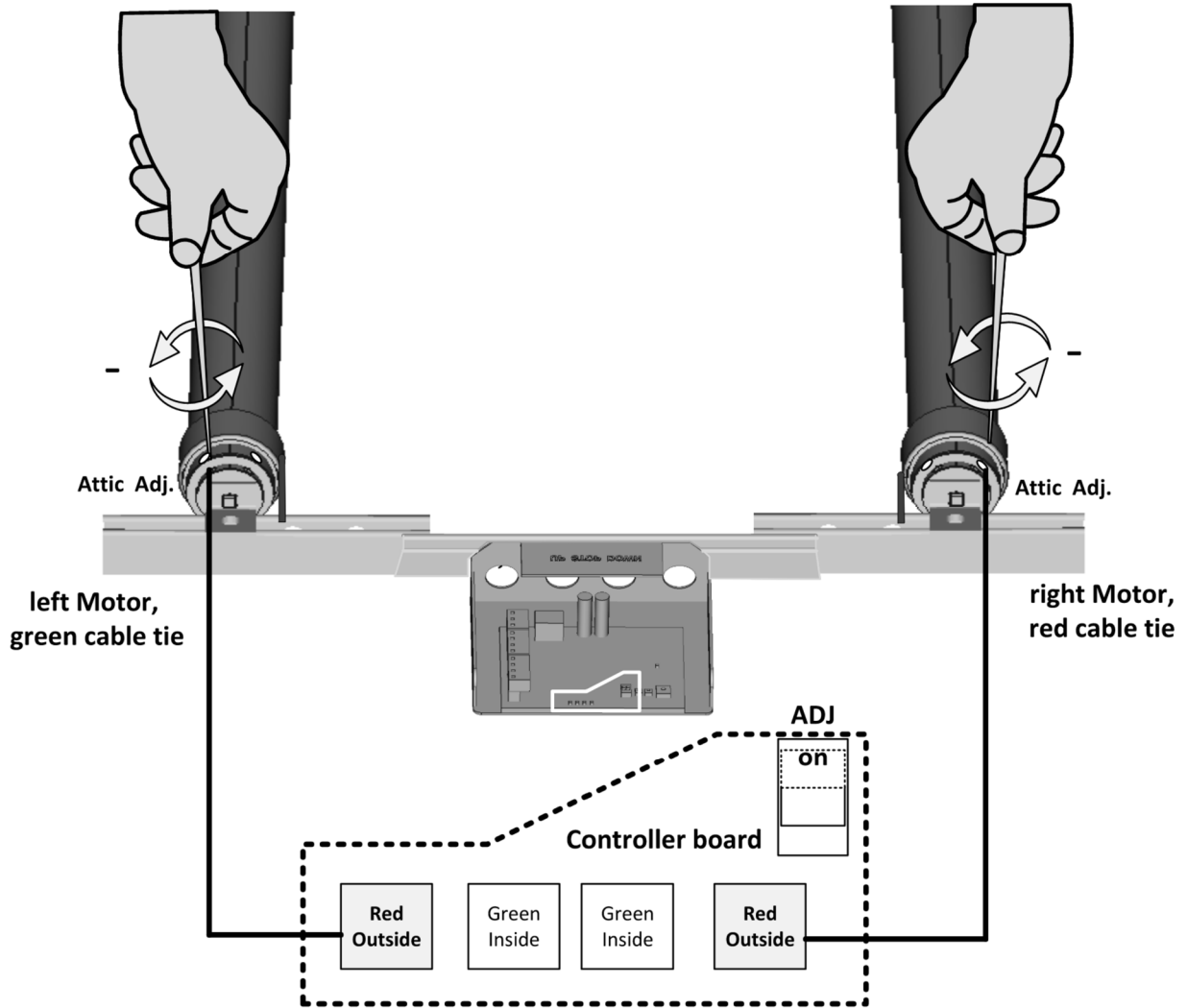
7. Basic Setting (Reset Motor Adjustment)

Use this procedure if the attic or floor adjustment did not stop at your desired height, or if you need to start from scratch. This can be performed at any platform position.

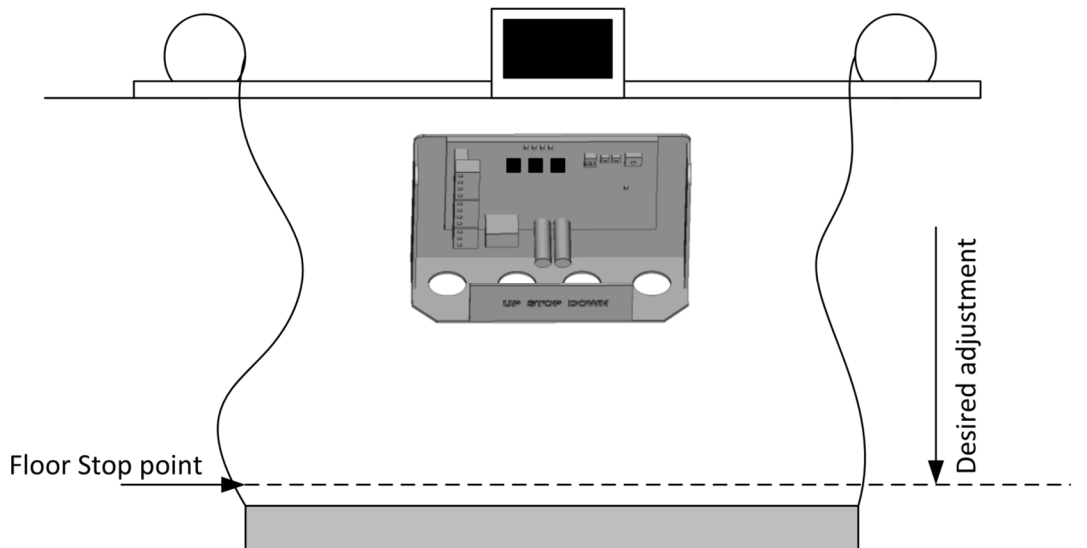
7.1 Attic Basic Setting (if lift stop point is too high)



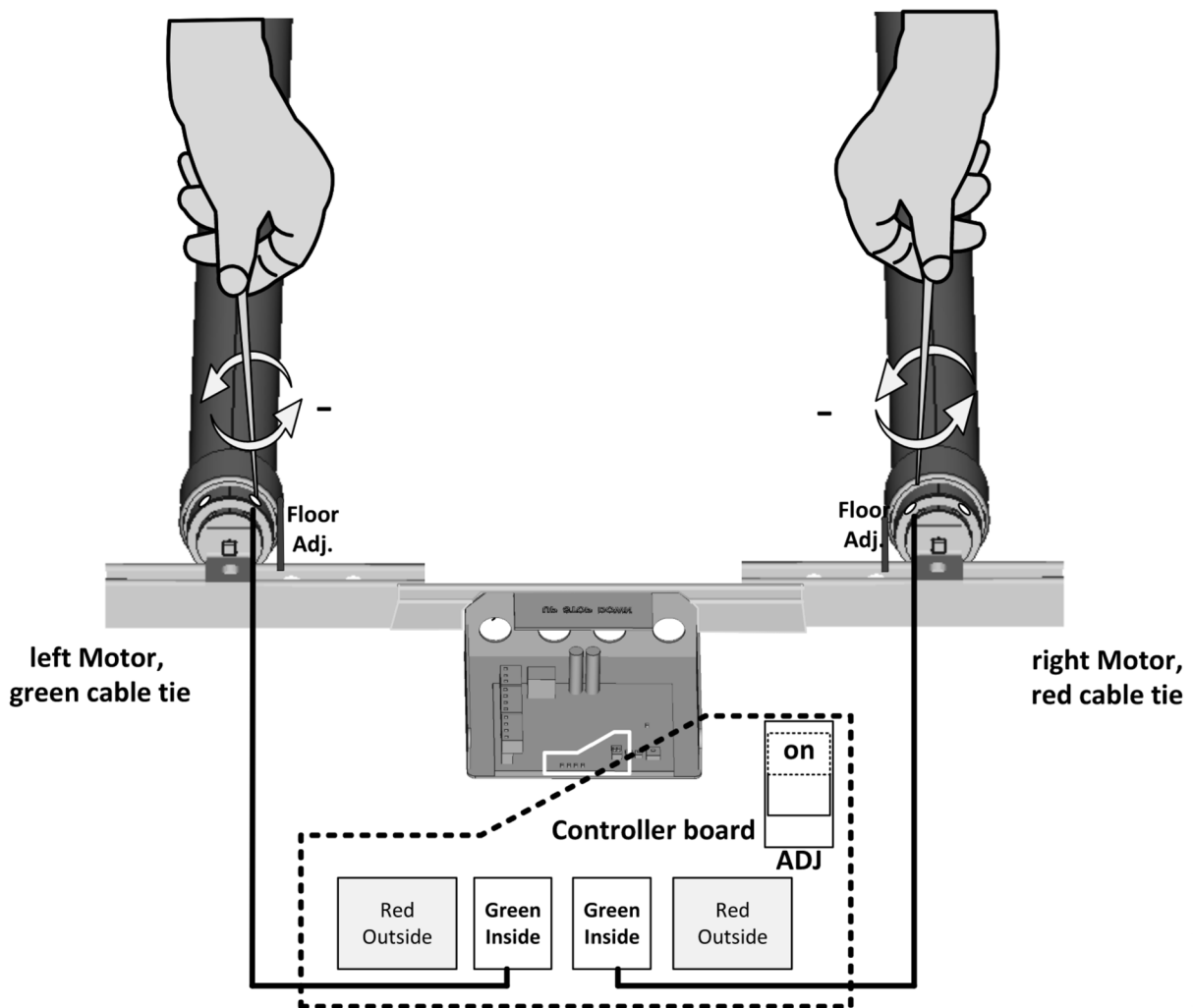
1. Stop the motors at your desired attic height via remote control. If not level, bring the higher side to your desired height.
2. **Switch ADJ on.**
3. **Turn the outside adjustment screws in – (counter-clockwise)** until the red LED switches off. Stop.
4. **Turn the same screw in + (clockwise)** until the red LED switches back on. Stop immediately.
5. Repeat steps 3–4 for the other motor.
6. **Switch ADJ off.**
7. Press DOWN (3), let it run ~3 inches, STOP (2), then UP (1) until the platform stops by itself.
8. Proceed to Attic Adjustment (Section 6, Step 2).



7.2 Floor Basic Setting (If lift stop point is too low)



1. Lower the platform toward the floor. Stop approximately 1 foot above the floor.
2. **Switch ADJ on.**
3. **Turn the inside adjustment screws in – (counter-clockwise)** until the green LED switches off. Stop.
4. **Turn the same screw in + (clockwise)** until the green LED switches back on. Stop immediately.
5. Repeat steps 3–4 for the other motor.
6. **Switch ADJ off.**
7. Press UP (1), let it run ~3 inches, STOP (2), then DOWN (3) until the platform stops by itself.
8. Proceed to Floor Adjustment (Section 6, Step 3).



8. Troubleshooting

8.1 Lift Stopped Unexpectedly / Clicking Sound

Three possible causes:

Cause	How to Check	Solution
Loose cable on the controller connector	Inspect green controller connectors	Reseat cable connections firmly
Motor adjustment screw tripped	ADJ on: check which LED is off	Turn the corresponding screw + (CW) until the LED returns
Motor overheated	ADJ on: both LEDs on one side off	Wait 15–20 minutes to cool

Fix:

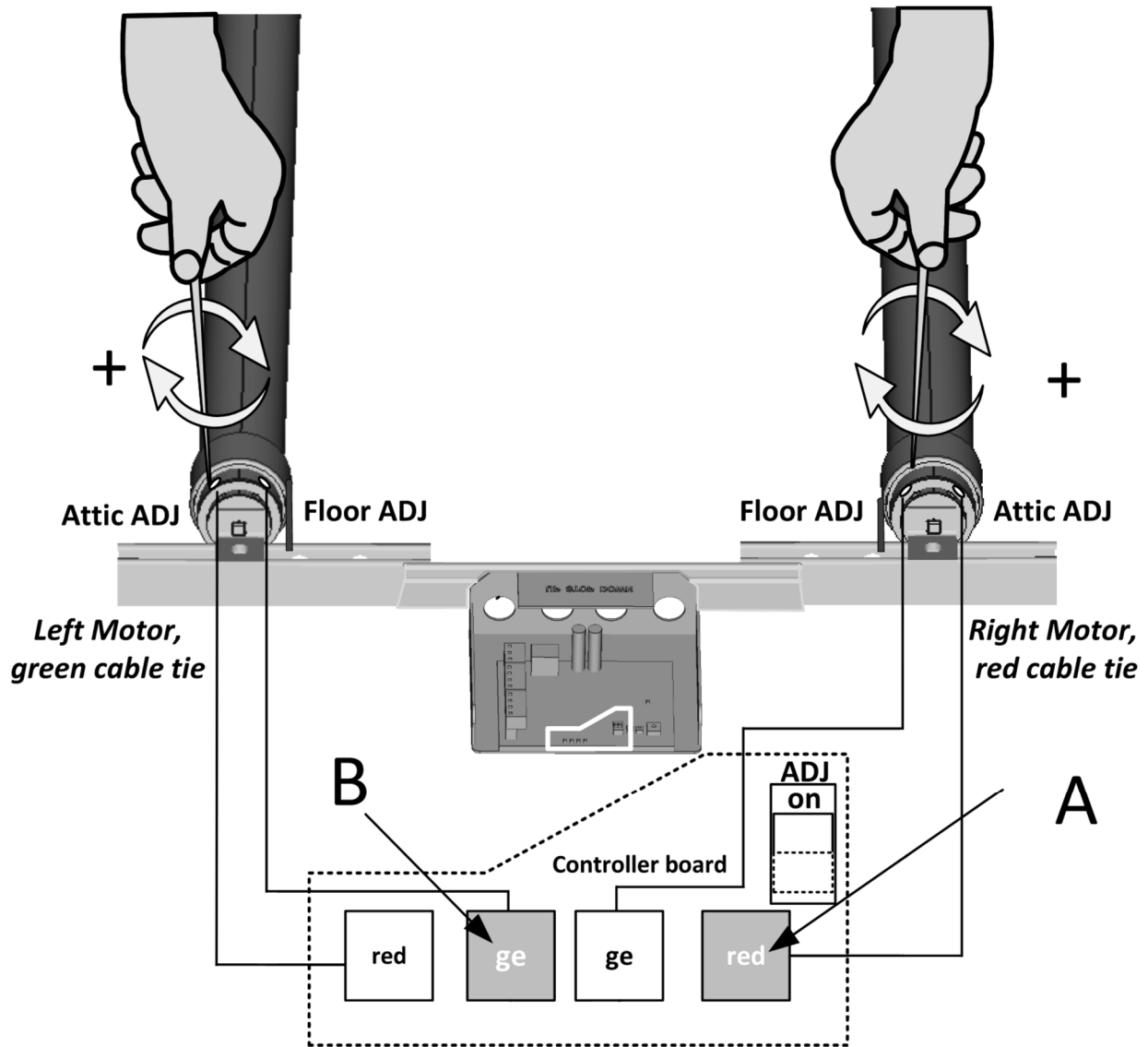
Stopped while going UP (toward attic):

- Switch ADJ on. Find which red LED is off. Turn that motor's outside adjustment screw + (CW) until the red LED returns. Switch ADJ off.

Stopped while going DOWN (toward floor):

- Switch ADJ on. Find which green LED is off. Turn that motor's inside adjustment screw + (CW) until the green LED returns. Switch ADJ off.

Remember: All four LEDs must be on for the motors to run.



8.2 Clicking or Resistance When Turning Adjustment Screws

If you feel mechanical clicking or resistance while turning a screw, stop immediately. Do not force it.

1. Turn the adjustment screw in the + (clockwise) direction.
2. Check motor wiring connections.
3. If the problem persists, contact Auxlift service.