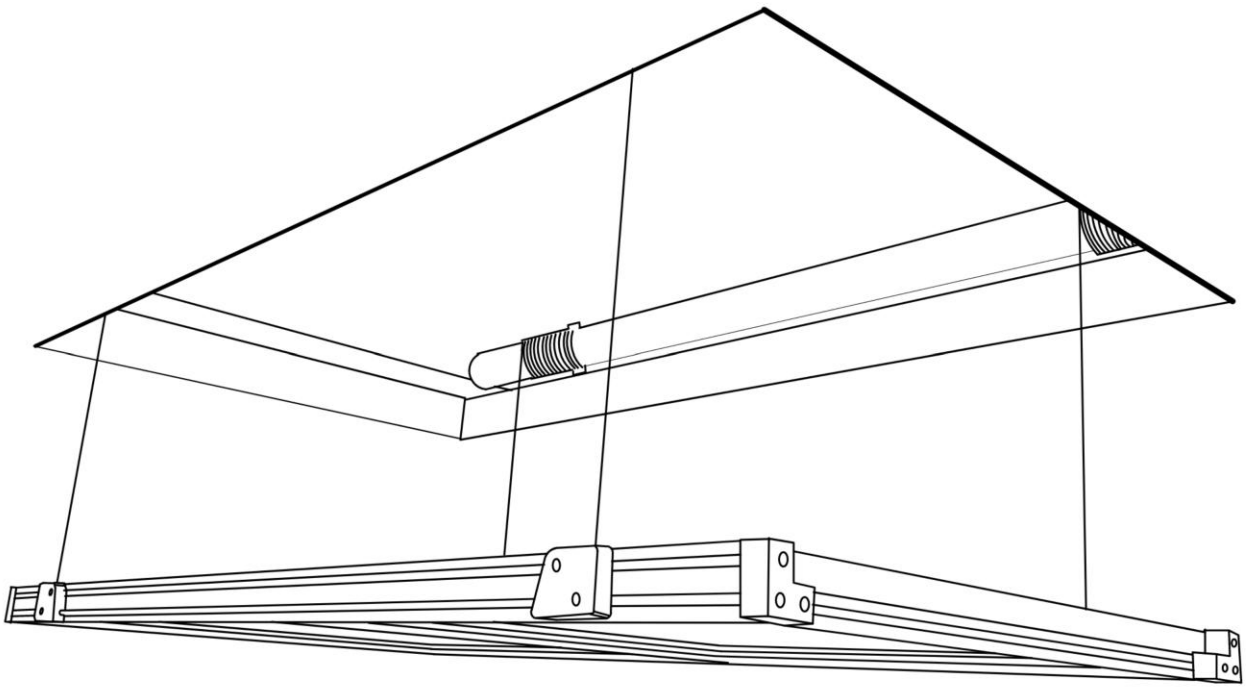
AUXXLIFT

ATTIC LIFT

Installation Guide

Complete Installation & Setup Manual

Release 03/2026/SW — Revised Edition



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1. Before You Start

> **⚠ READ COMPLETELY BEFORE BEGINNING**
>
> Read through all instructions before starting the installation.
> For a professional, this installation takes approximately 3 hours.
> Follow the instructions carefully and in the order given. If you feel uncomfortable handling the installation, please ask a handyman or work with a contractor.

1.1 Pre-Installation Checklist

1. Have you read through the entire instructions?
2. Do you have all the recommended tools?
3. Do you have somebody assisting you?
4. Have you allocated enough time (minimum 3 hours)?
5. Do you have a good, stable ladder?

1.2 Important Rules

1. **Do not** use an impact driver.
2. Clean the work area before you start.
3. Wear safety glasses at all times.
4. Keep the work area clear of obstructions.
5. Check measurements during construction.
6. Make sure nothing is in the way (windows, doors, attic hatch, etc.).

1.3 Ceiling / Attic Requirements

> **⚠ STRUCTURAL SAFETY**
>
> By proceeding with installation, the customer acknowledges and accepts full responsibility for verifying that their ceiling structure is adequate to support the lift and its rated load capacity. Auxx Lift assumes no liability for structural failures, property damage, or personal injury resulting from inadequate ceiling construction.

If you have doubts about the ceiling construction, please ask a specialist!

1. Does your ceiling have or has had termites?
2. Are the joists strong and big enough? (2” x 6” minimum); Always check with a structural engineer.
3. Mounting to a concrete ceiling requires anchors.
4. Has your home been built according to valid standards and guidelines?

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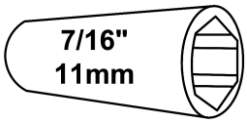
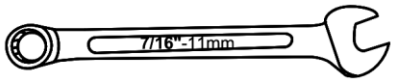
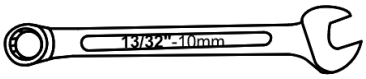
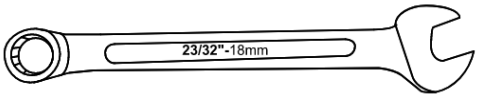
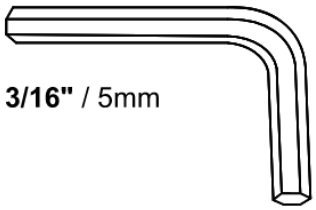
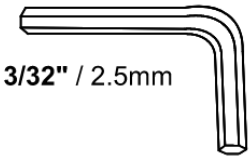
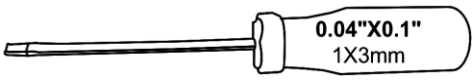
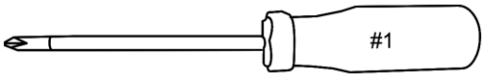
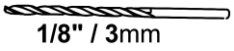
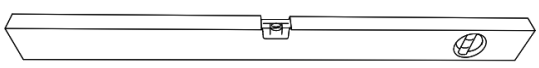
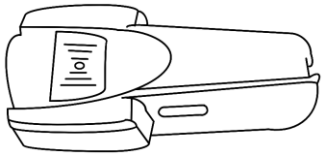
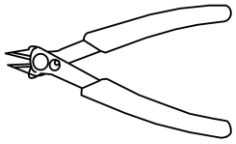
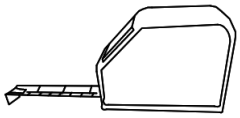
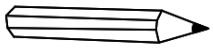
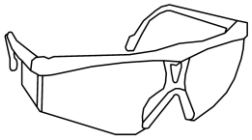
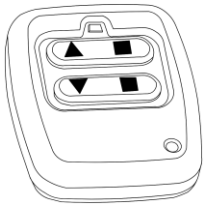
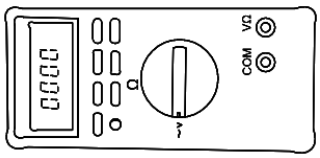
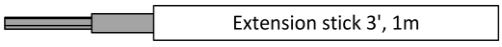
2. Recommended Tools

2.1 Required Tools

Tool	Image	Purpose
Socket wrench - 7/16" (11 mm)		Lag screws, bracket screws, spring nuts
Ratchet wrench - 7/16" (11 mm)		Tight spaces where socket won't fit
Ratchet wrench - 13/32" (10 mm)		Set screws and smaller hardware
Ratchet wrench - 23/32" (18 mm)		Motor mounting nuts
Allen key (hex wrench) - 3/16" (5 mm)		Platform assembly screws
Allen key (hex wrench) - 3/32" (2.5 mm)		Set screws
Flat-head screwdriver		Wiring connections, adjustment screws
Philips screwdriver		Mounting controller
Drill with drill bit - 1/8" (3 mm)		Pilot holes for lag screws for strut channel mounting
Level (24–48")		Leveling strut channels and beams

Stud finder		Locating ceiling joists
Wire cutters / snips		Cable ties
Tape measure		Measurements
Pencil		Marking joist locations
Safety glasses		Eye protection (required!)
Ladder		Reaching the ceiling
Adjustment Tool (provided)		Turning motor adjustment screws.
Remote Control (provided)		Moving lift up, down, stop, learn.

2.2 Nice to Have

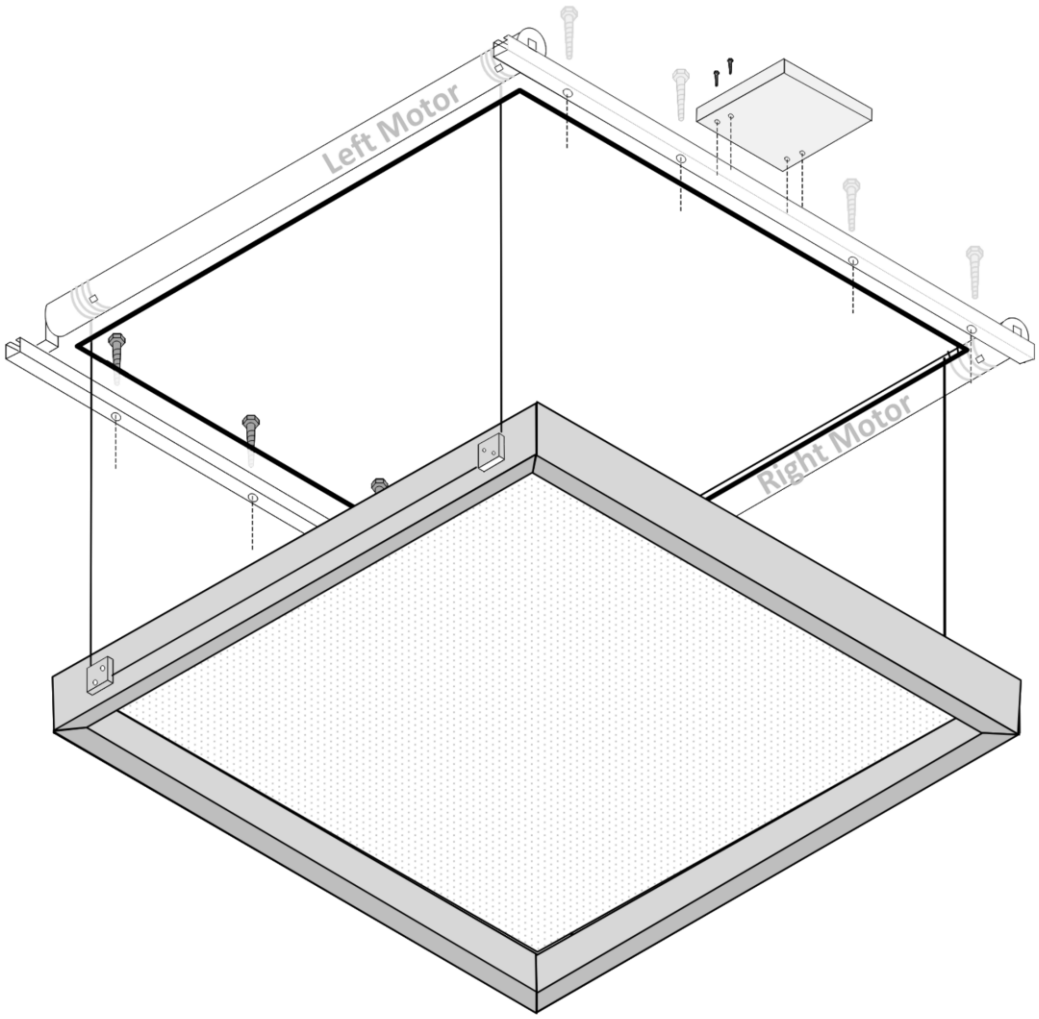
Tool	Image	Purpose
Multimeter		For checking electrical connections
Extension stick (3 ft / 1 m)		For adjusting motors from the floor (not included).

3. Parts List

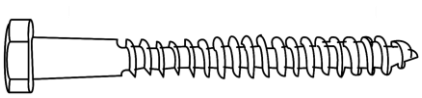
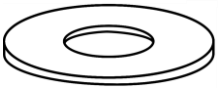
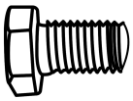
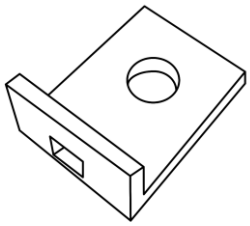
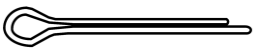
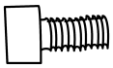
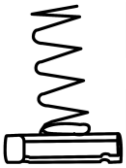
Verify all parts are included before beginning installation.

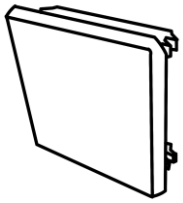
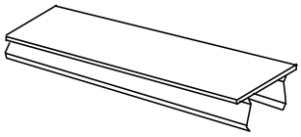
3.1 Major Components

Qty	Part #	Description
1	094A	Controller and cable
1	03AA (Left)	Left motor assembly (green cable ties)
1	03AA (Right)	Right motor assembly (red cable ties)
2	02PA / 02QA (side holes)	Strut channels (1 with side holes, 1 without)
1	096A	1-channel remote control (Index F)
1	09EA	Platform frame assembly



3.2 Hardware

Qty	Part #		Description
8	068A		Lag screws (5/16" x 3.0" / 8 mm x 75 mm SPAX); for strut channel attachment
8	078A		Flat washers, M12 (35 mm) (for lag screws 068A)
8	07AA		Flat washers, M8 (20 mm) (for lag screws 068A)
4	065A		Screws for motor bracket attachment (M12x24)
4	078A		Washers for 065A, (M12x24)
4	021D		Motor brackets
4	07EA		Cotter pins
8	06HA		Screws for platform / rope holder (M6 x 20 mm)
12	074A		Platform brackets
4	09FA		Set with anchors, screws, PG grommets, and housing screws (1 1/8” x 1/8”)
5	03LA		Grommets for strut channel holes (controller side)
4	072A		Spring nuts for motor attachment at strut channels

4	03EA		Strut covers / end caps
2	013A		Strut cover at cables
2	03AA		Left Rope Holder
2	03AA		Right Rope Holder

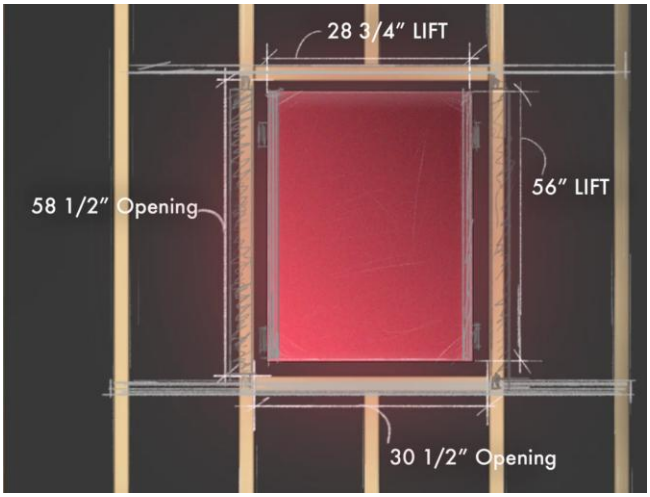
4. Planning Your Installation

4.1 Attic Opening Requirements

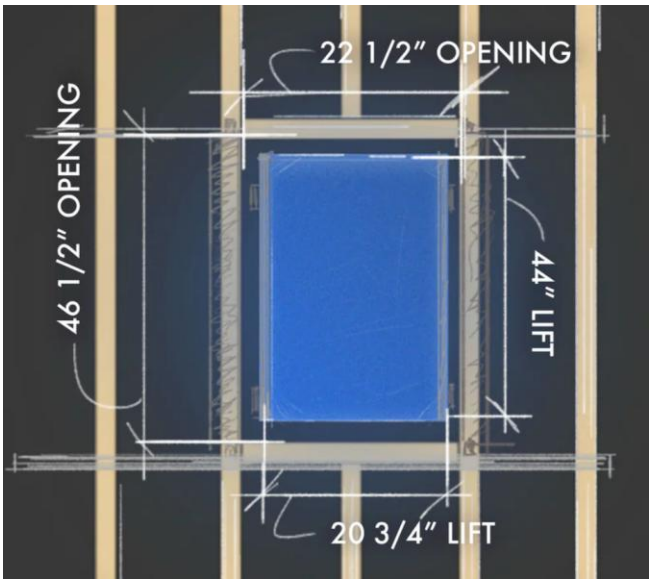
The attic lift requires a minimum opening cutouts around the platform on all sides as shown below.

Dimension	Standard (Smaller Platform)	Max (Larger Platform)
Platform size	44” x 20 ¾”	56" x 28 ¾”
Example opening cutout size	46 ½” x 22 ½”	58 ½” x 30 ½”

Standard (Smaller Platform)

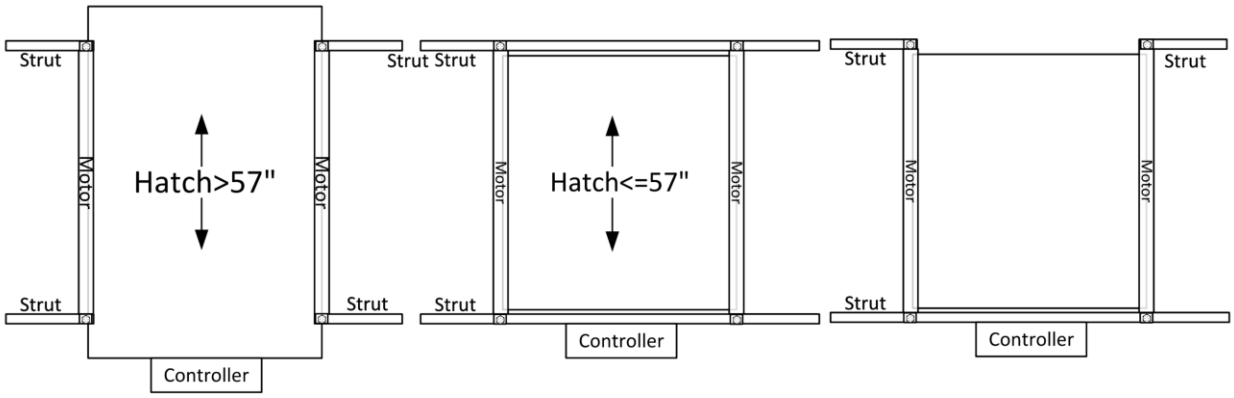


Max (Larger Platform)

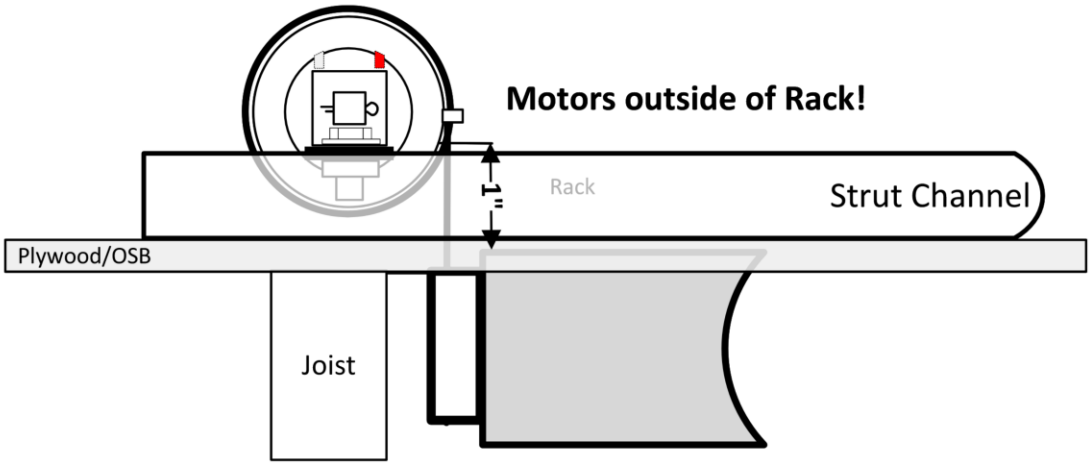


4.3 Hatch Configurations

The position of the strut channels depends on the size of your attic hatch. See options below:



> **⚠ MOTORS OUTSIDE THE RACK**
> Motors must be positioned outside the attic opening (rack area). See layout diagrams for correct positioning relative to the hatch.



4.4 Do's and Don'ts

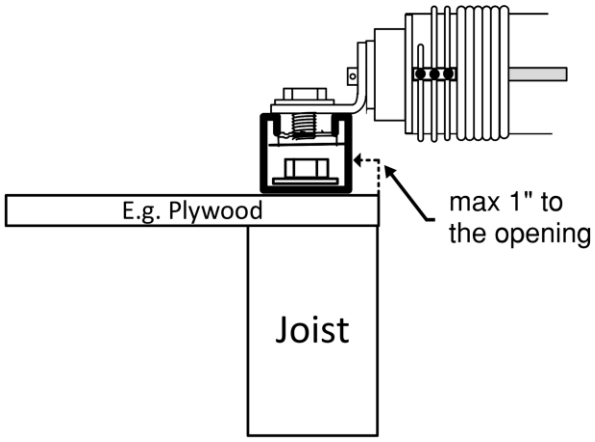
Do	Don't
Ensure gap between bracket and motor is less than 1/16" (1 mm)	Use an impact driver on lag screws
Route motor cables straight up toward the ceiling	Change any material
Use grommets on all wire paths into struts	Cut the wire rope
Keep minimum clearance around the platform	Drill additional holes in any parts

5. Step 1: Install Strut Channels

The strut channels mount directly to the ceiling joists and form the rail system for the lift.

5.1 Locate the Joists

1. Use a stud finder to locate the ceiling joists.
2. Mark the joist locations with a pencil. Ensure the lag screw will be positioned and installed at the center of the joist.
3. **Position the strut channel no more than 1-inch from the edge of the ceiling opening.**
4. Drill pilot holes using a 1/8" (3 mm) drill bit.



5.2 Mount the Strut Channels

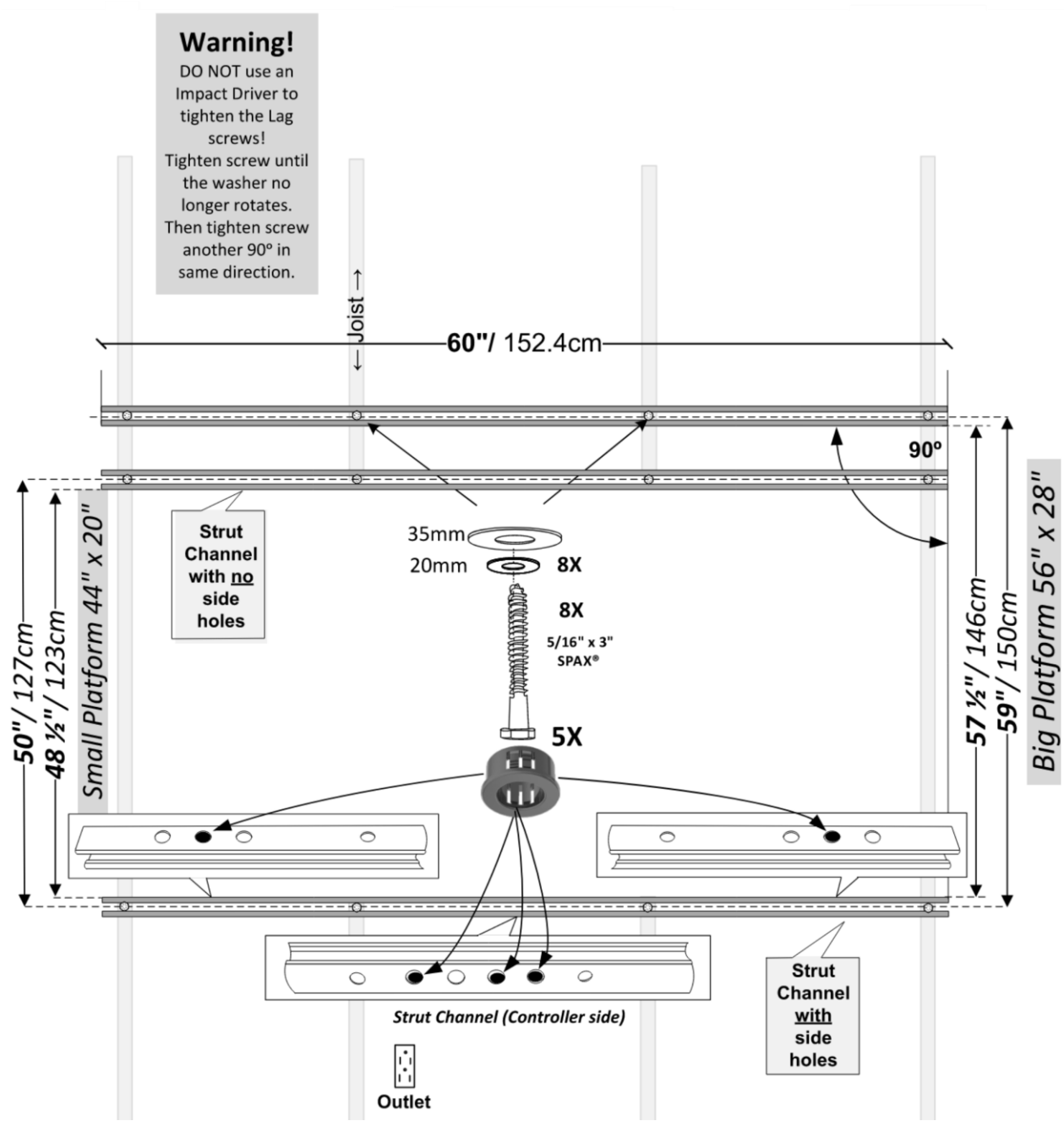
1. Identify the two strut channels: one has side holes, one does not.
2. **The strut channel WITH side holes (02QA)** is the controller side.
3. **The strut channel WITHOUT side holes (02PA)** is the opposite side.
4. Position the strut channels and the motors the way you prefer them around the attic opening. After positioning, tighten the lag screws.
5. Ensure both strut channels are level and at 90° to each other.
6. Secure each channel with lag screws (5/16" x 3.0" / 8 mm x 75 mm SPAX) (068A) (8 total) and M8 (07AA) and M12 (078A) flat washers.
7. Install grommets (03LA) (5x) at side holes of the strut channel (controller side).
8. See drawing on the following page.

Platform Size	Strut Channel Spacing
Max (bigger) platform: 56” x 28”	Center to center: 59” (150cm) Inside to inside: 57 ½” (146cm)
Standard (smaller) platform: 44” x 20”	Center to center: 50” (127cm) Inside to inside: 48 1/2” (123cm)

⚠ LAG SCREW WARNING

DO NOT use an impact driver to tighten the lag screws!

Tighten each screw until the washer no longer rotates. Then tighten the screw another 90° in the same direction.

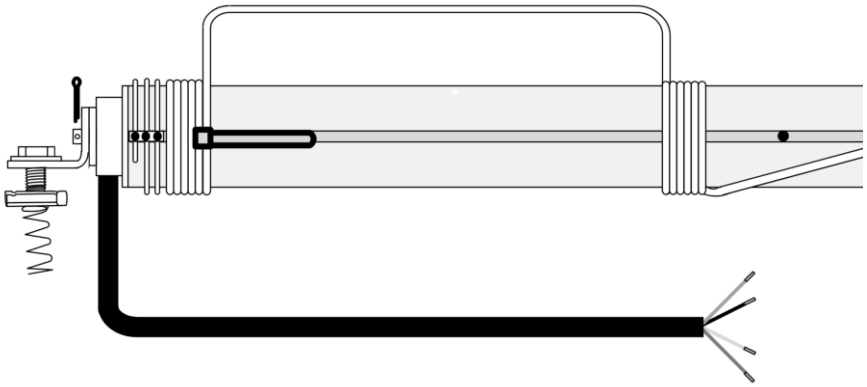


6. Step 2: Install Motors

6.1 Identify Left and Right Motors

Motor	Cable Tie Color
Left Motor	Green cable ties
Right Motor	Red (or pink) cable ties

> **⚠ Cable Direction**
> The black cables that come out of the motors must be routed straight down towards the floor (plumb and perpendicular). Ensure cables are routed properly before securing.



6.2 Motor Spacing

Motor distance changes with the platform width.

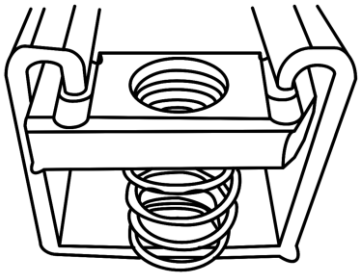
Configuration	Motor Distance
400 lb motors	Platform width + 3”

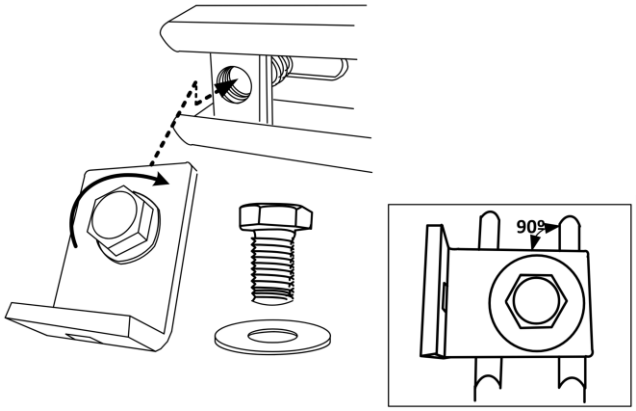
6.3 Mount the Motors

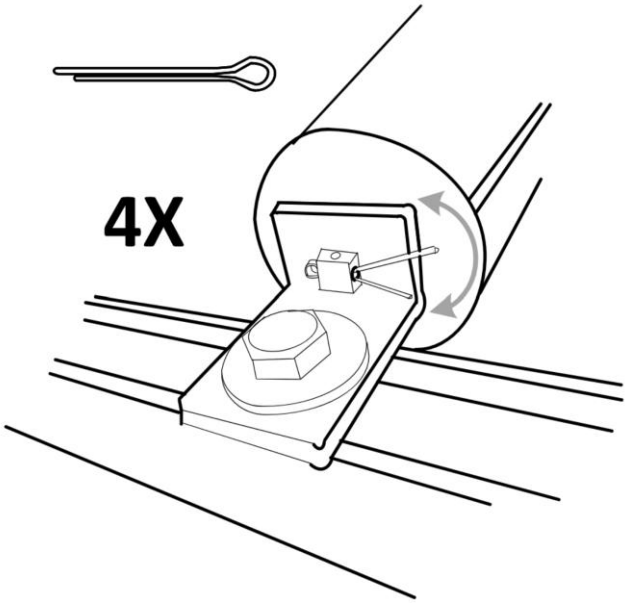
1. Slide spring nuts (4x) (072A) into each strut channel.
2. Position the motor brackets (4x) (021D) on the spring nuts at the correct spacing.
3. Attach each motor to the strut channel using the brackets (021D), the M12 screw (065A), and the washer (078A). Tighten the M12 screw until the washer no longer rotates, then tighten another 135° using a ratchet wrench (23/32” / 18 mm).
4. **Verify the gap between the bracket and motor does not exceed 1/16" (1 mm).**
5. Insert the (4x) cotter pins (07EA).
6. Route the cable through the strut channel towards the center on each side. Make sure to install the grommets (03LA) where the cable passes through the strut channel.

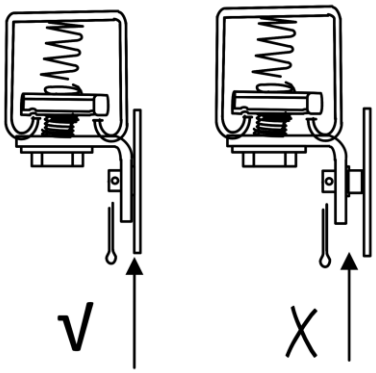
⚠ GROMMETS REQUIRED

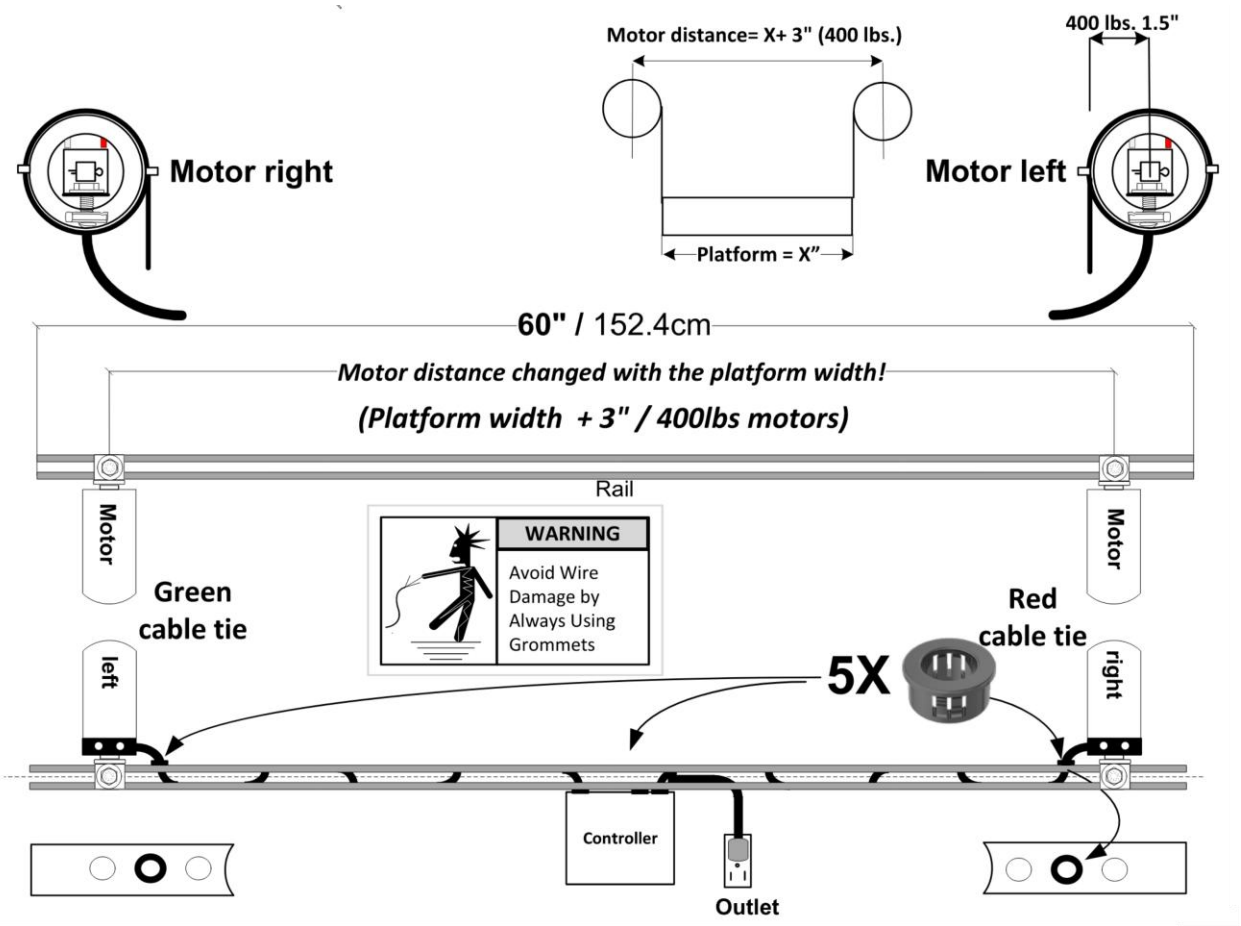
Use grommets on ALL wire paths into struts to avoid wire damage and shock hazard.









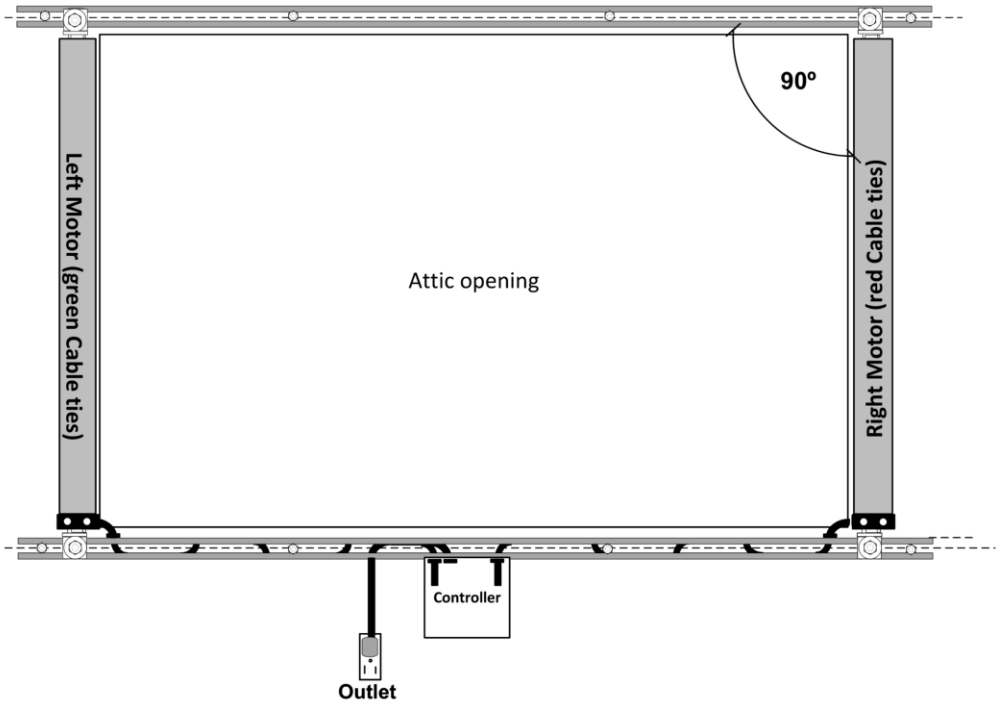

Motor distance= X+ 3" (400 lbs.)
400 lbs. 1.5"
Motor right
Motor left
Platform = X"
60" / 152.4cm
Motor distance changed with the platform width!
(Platform width + 3" / 400lbs motors)
Rail
Motor
Motor
WARNING
Avoid Wire Damage by Always Using Grommets
Green cable tie
Red cable tie
5X
left
right
Controller
Outlet

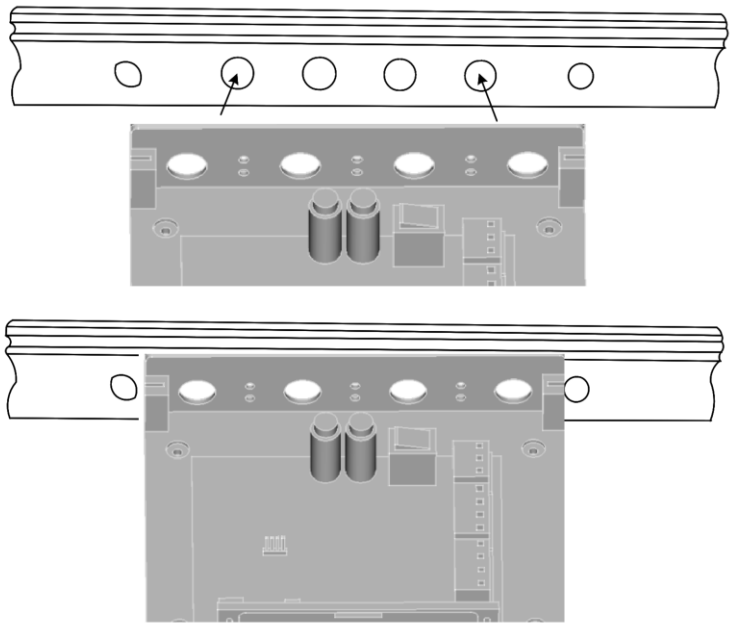
7. Step 3: Install Controller

> **⚠ SHOCK HAZARD**
> Disconnect power before working on wiring!

7.1 Controller Mounting Options

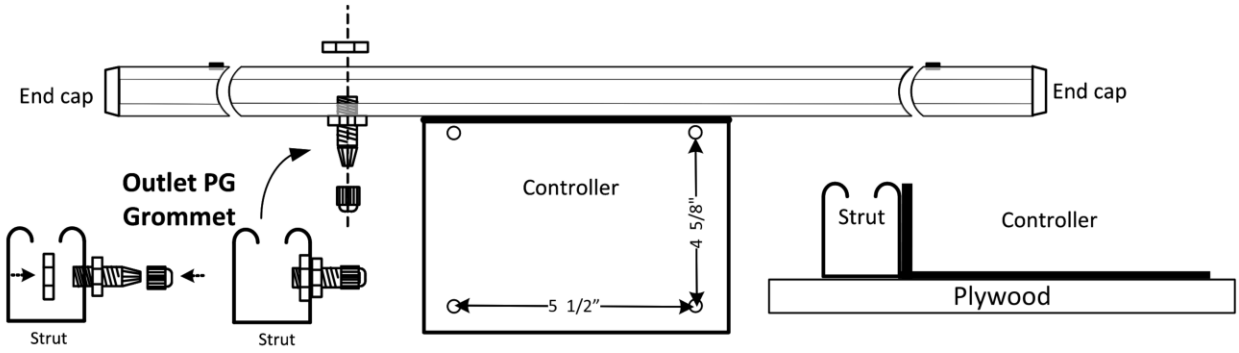
The controller (094A) mounts on the strut channel with the side holes.





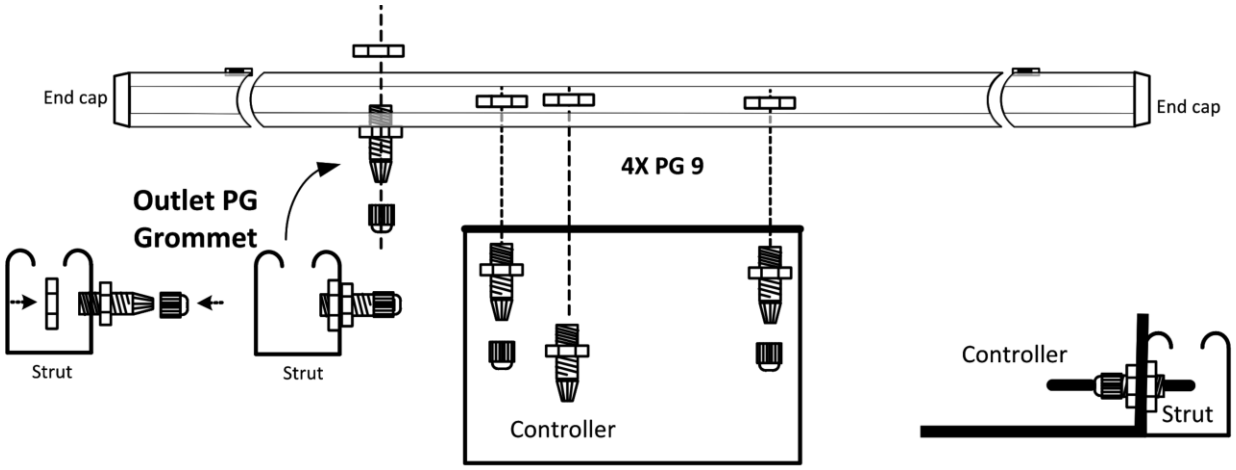
Option A: Drywall or Concrete Ceiling

1. Position the controller centered between the strut channels.
2. Mark and drill (4) pilot holes: 3/16" diameter, at the spacing shown on the controller housing.
3. Use (4) self-tapping screws (1⅛” x ⅛”) (09FA) to mount the controller to the ceiling. Use anchors for drywall or concrete ceilings as needed.
4. For outlet, always use PG grommets.



Option B: Open Ceiling (No Drywall)

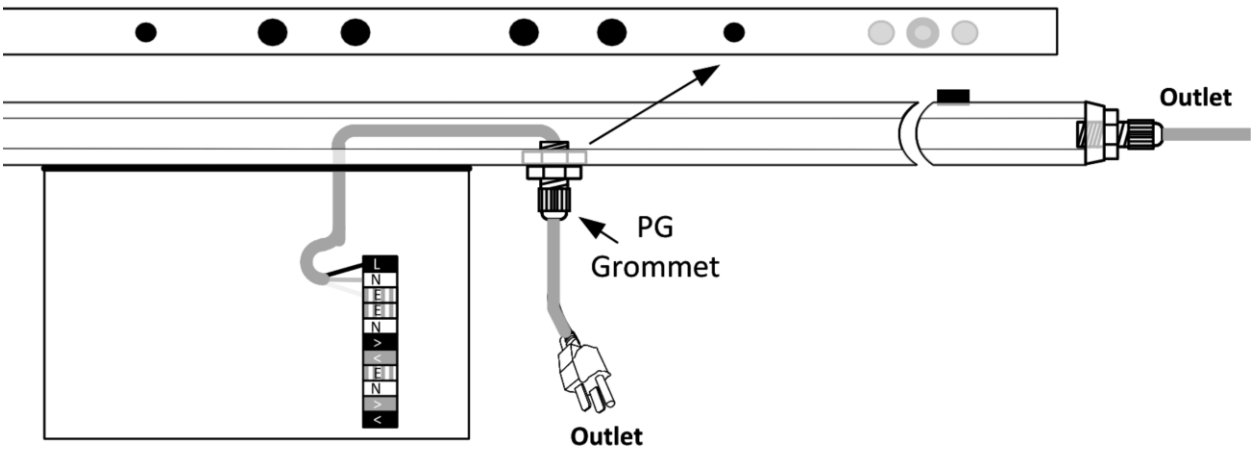
1. Mount the controller directly to the strut channel using the PG grommets (cord grips).



7.2 Power Outlet Routing

Several options are available to route the power cable to the nearest outlet. The outlet must be a standard 120V outlet. Route wiring through pre-drilled holes and use grommets.

> **⚠ GROMMETS REQUIRED**
> Use grommets on ALL wire paths into struts to avoid wire damage and shock hazard.



8. Step 4: Wiring

⚠ SHOCK HAZARD

Disconnect power before working on wiring! Verify all wires are tightly connected before connecting to the outlet.

8.1 Motor Wiring

Each motor connects to the controller. Wires are connected by tightening the binding screws on top of the green motor connector blocks.

Left Motor – MOTOR 2 (Green Cable Ties)

Wire Color	Abbr.	Connector Terminal	Function
Red	rd	< (Down)	Down
Black	bl	> (Up)	Up
White	wt	N (Neutral)	Neutral
Green	gn	E (Earth)	Earth / Ground

Right Motor – MOTOR 1 (Red Cable Ties)

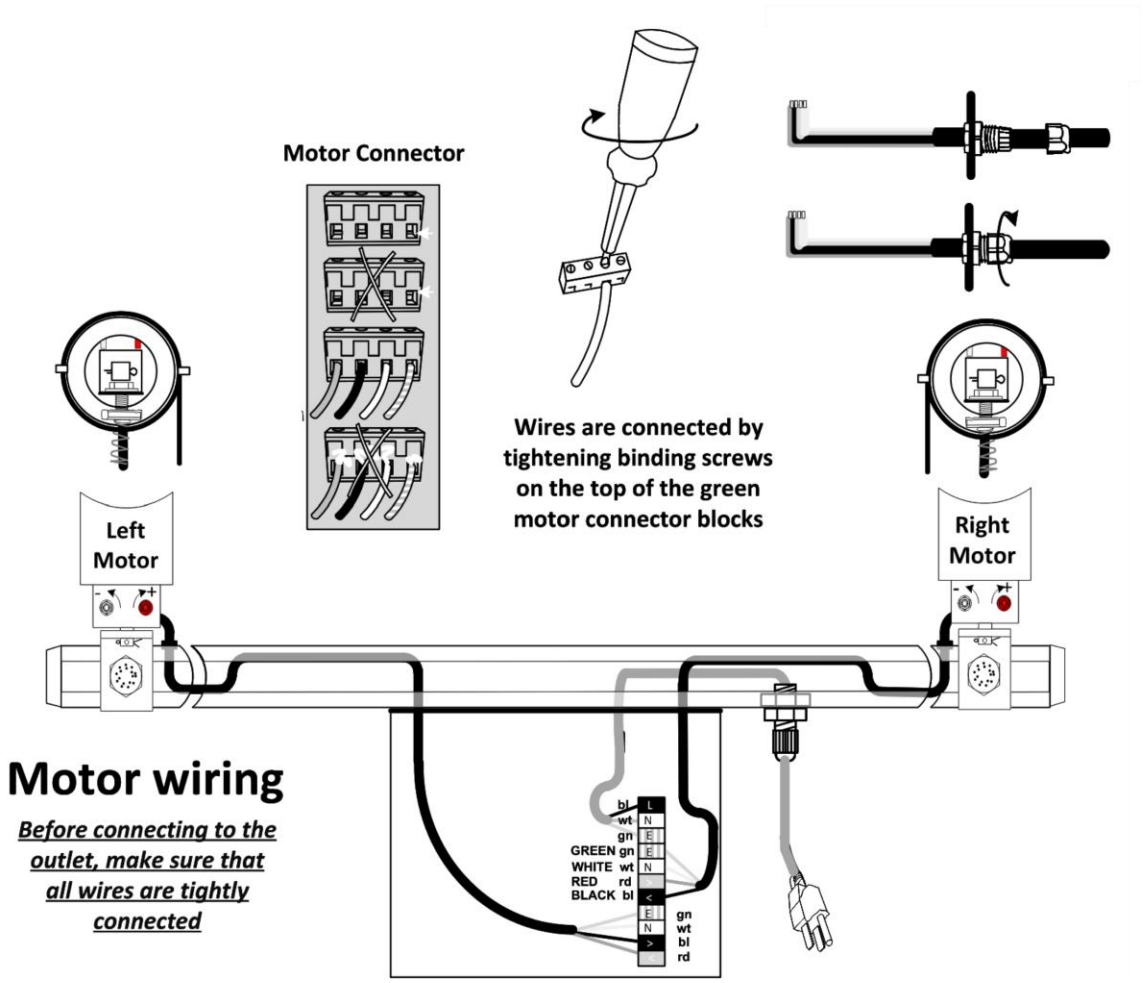
Wire Color	Abbr.	Connector Terminal	Function
Black	bl	< (Down)	Down
Red	rd	> (Up)	Up
White	wt	N (Neutral)	Neutral
Green	gn	E (Earth)	Earth / Ground

Power Cable – POWER

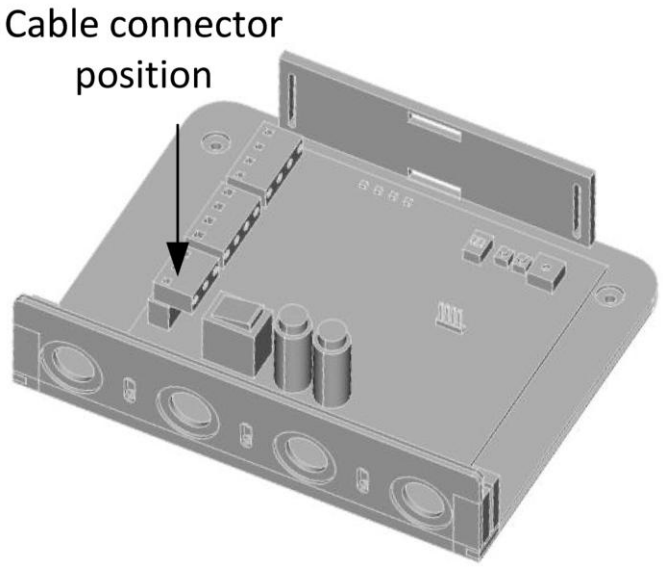
Wire Color	Abbr.	Connector Terminal	Function
Green	gn	E (Earth)	Earth / Ground
White	wt	N (Neutral)	Neutral
Black	bl	L (Hot/Line)	Hot / Line

ℹ Note

The left motor and right motor have DIFFERENT wire color orders for the Down and Up terminals. Left motor: Red = Down, Black = Up. Right motor: Black = Down, Red = Up.



Install the cable connectors in the exact positions shown below. Incorrect connector placement will cause connection failures.

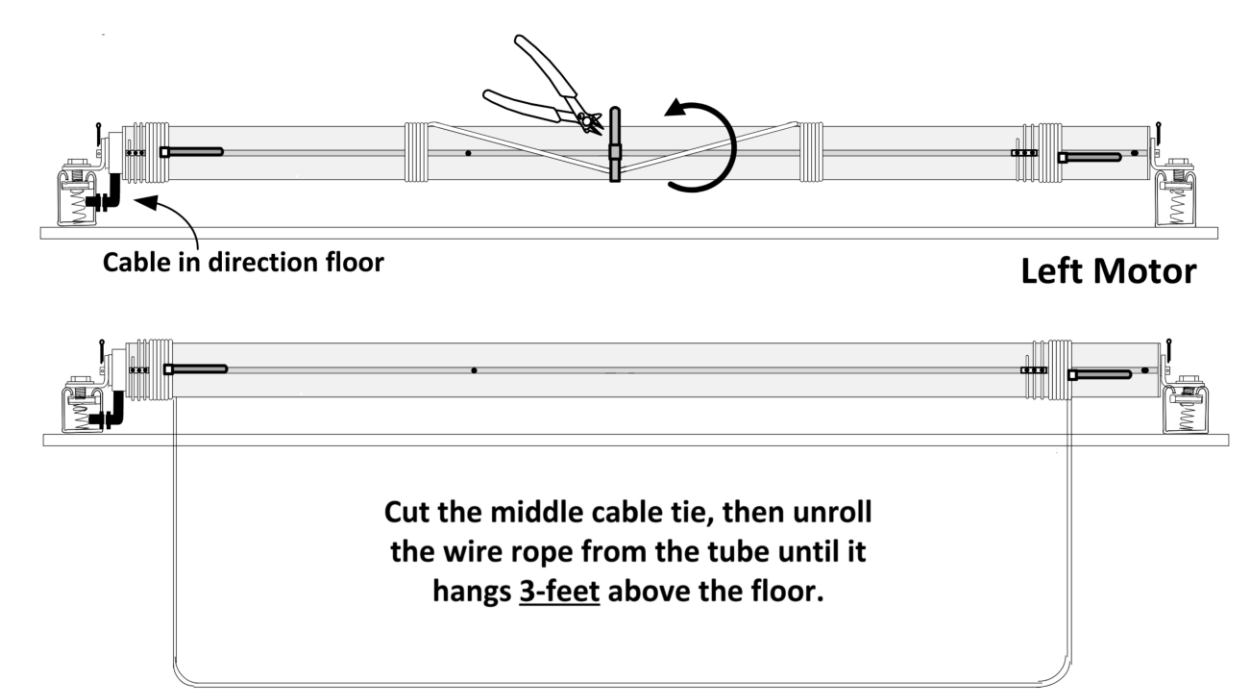


9. Step 5: Wire Rope

9.1 Unrolling the Wire Rope

1. Cut the middle cable tie on each motor carefully.
2. Unroll the wire rope from the tube until it stops due to the other remaining cable ties, or hangs 3 feet above the floor.

> **⚠ WIRE ROPE SAFETY**
> Never cut the wire rope!
> Even without tension, the cable wraps must be neatly side by side with no overlapping.

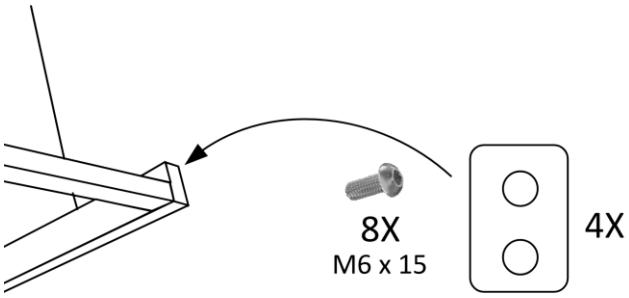


10. Step 6: Install Platform

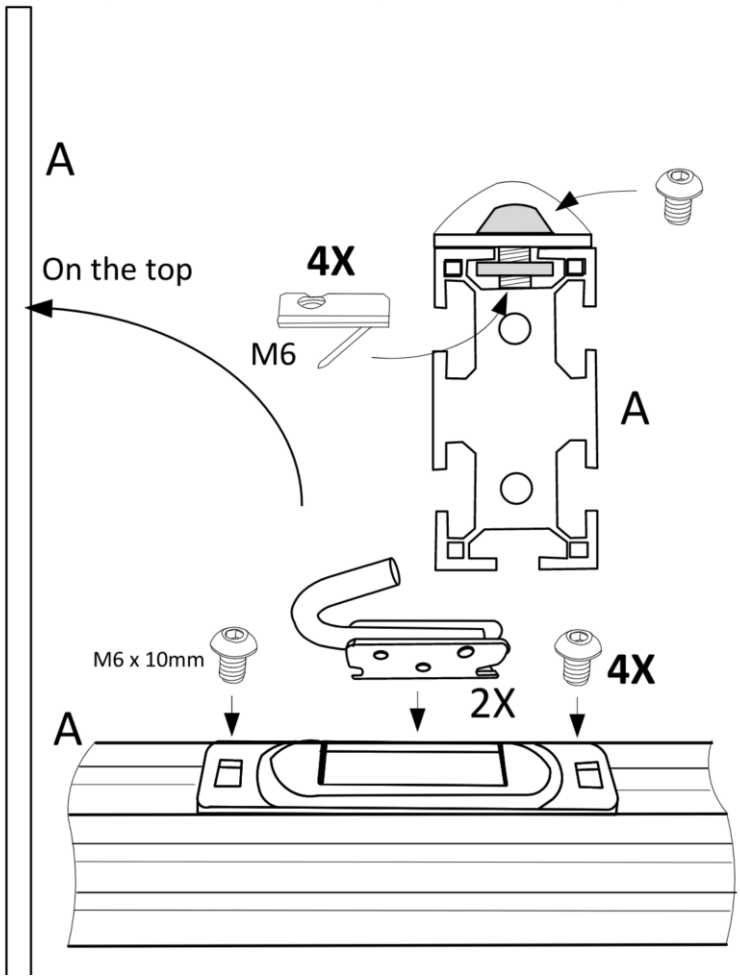
10.1 Platform Frame

The platform comes fully assembled. See steps below for miscellaneous attachments.

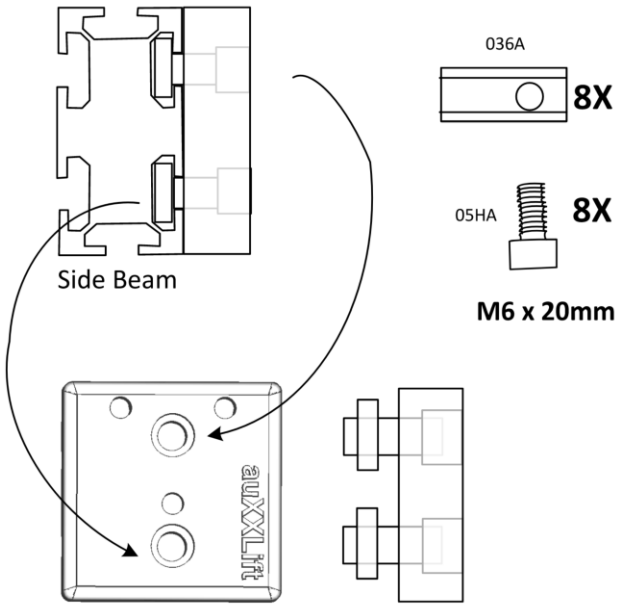
1. Attach the (4x) platform corner brackets (074A) using (8x) M6 x 15 screws to the frame edges.

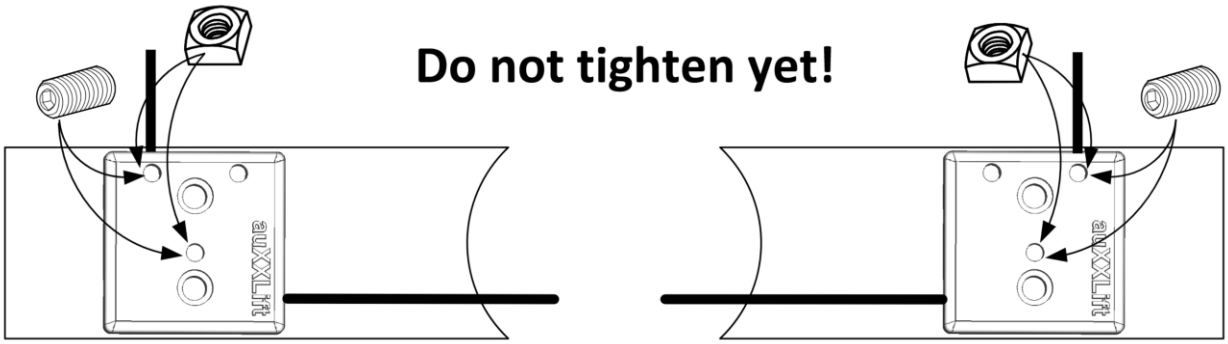


2. On the top of the frame, install the provided platform hooks (2x) with the M6 x 10mm screws (4x).



3. Attach the left and right rope holders (2x each) (03AA) using the M6 x 20 mm screws (4x) (05HA) to the platform, making sure to thread the wire ropes through the rope holder assemblies. **Do <u>NOT</u> tighten the M5 x 12 mm setting screws (069A) yet.**

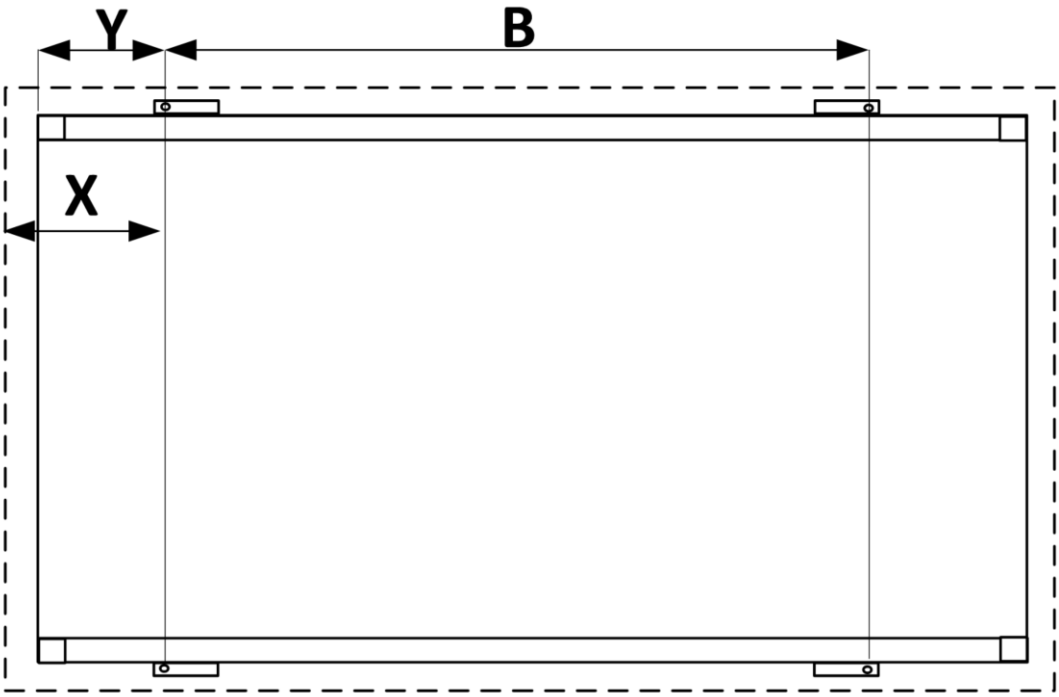




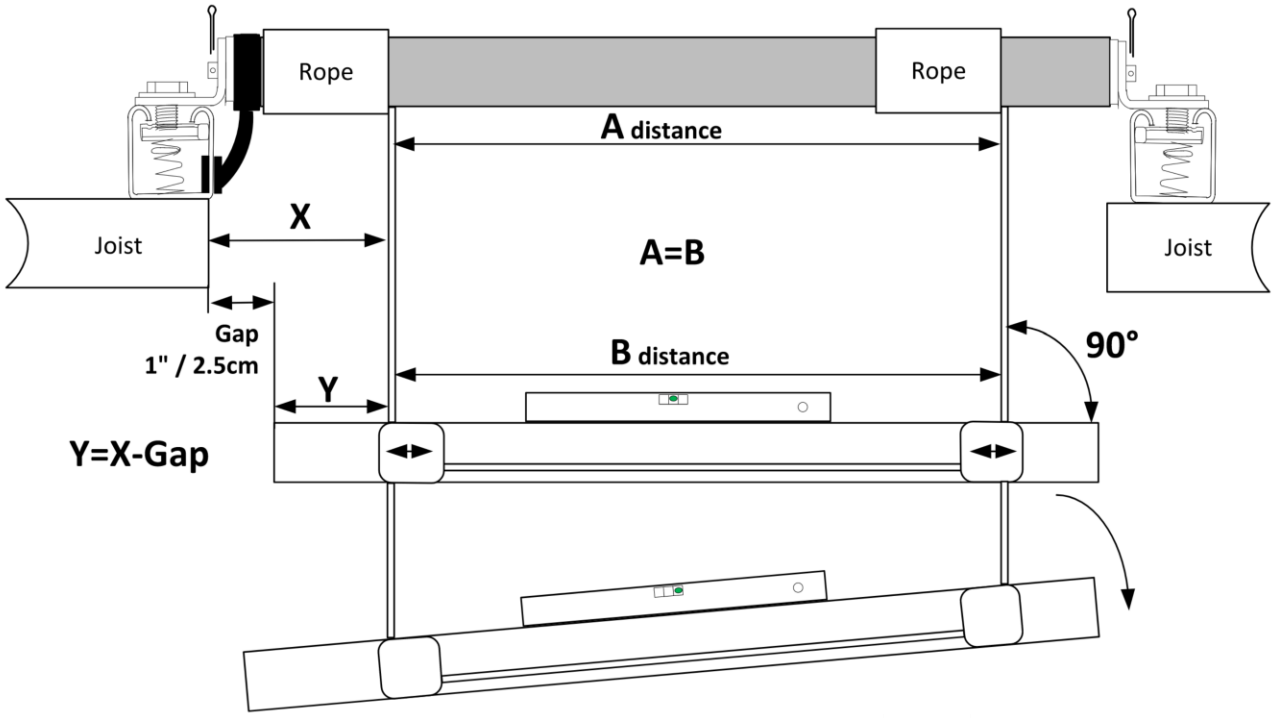
10.3 Platform Adjustment to the Opening

The platform must be centered in the attic opening with equal clearance on all sides.

1. **A distance = B distance:** Ensure the cables come straight down.
2. **X = distance from joist to the cable.** Y = X minus Gap (1” / 2.5 cm).
3. Once the platform is level, tighten the set screws (069A) using the 2.5 mm Allen key. Tighten 3 full revolutions.



Important: Platform adjustment to the opening!



11. Step 7: Motor Adjustment (Leveling)

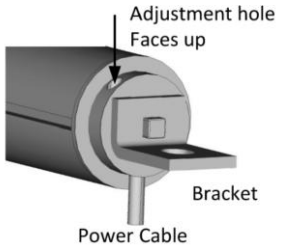
ℹ DETAILED ADJUSTMENT

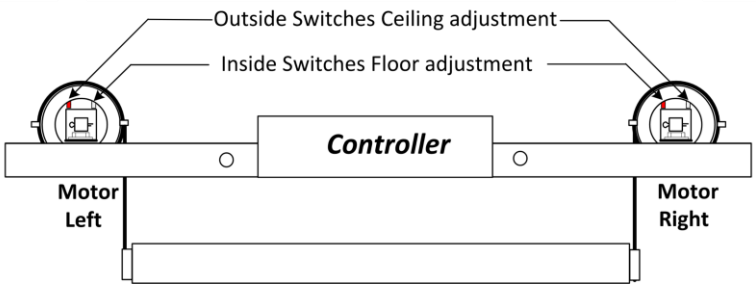
This section provides a summary of the motor adjustment process.
For complete step-by-step adjustment instructions, refer to the separate Attic lift Adjustment Manual.

11.1 Screw Locations

Each motor has two adjustment screws, accessed from below (all views looking toward the ceiling):

Adjustment Screw	Location	Controls
Outside switches	Farther from center of lift	Ceiling adjustment
Inside switches	Closer to center of lift	Floor adjustment





11.2 Understanding + and – Directions

+ (clockwise / “Righty tighty”): Extends travel range — platform stop-point moves closer to ceiling or floor.

– (counter-clockwise / “Lefty loosey”): Reduces travel range — platform stop-point moves away from ceiling 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.
All adjustment screws on both motors work the same way: + = Clockwise, – = Counter-clockwise.

Only turn the switches by hand with the tool provided. Stop turning immediately if you feel a mechanical click in the switch when turning.

11.3 Adjustment Procedure

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

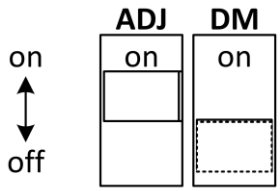
Step	Purpose
Step 1	Verify lift assembly and wiring
Step 2	Attic adjustment (top limit)
Step 3	Floor adjustment (bottom limit)
Step 4	Activate DEADMAN function

Step 1: Verify the Lift Assembly

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

Procedure

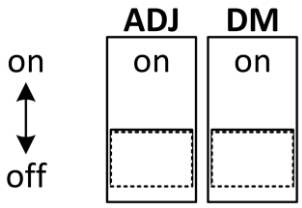
1. **Ensure motors are stopped.** Do not switch ADJ on while motors are running!
2. **Set DIP switch: ADJ = ON, DM = OFF.**



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

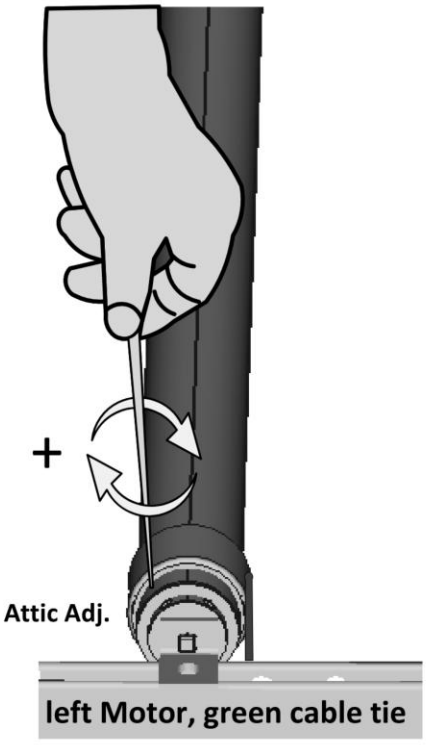
1. **Press UP (button 1)** and let the motors run until the platform stops by itself. (Do not hold the button.)
2. Does the platform stop at or before your desired attic height?

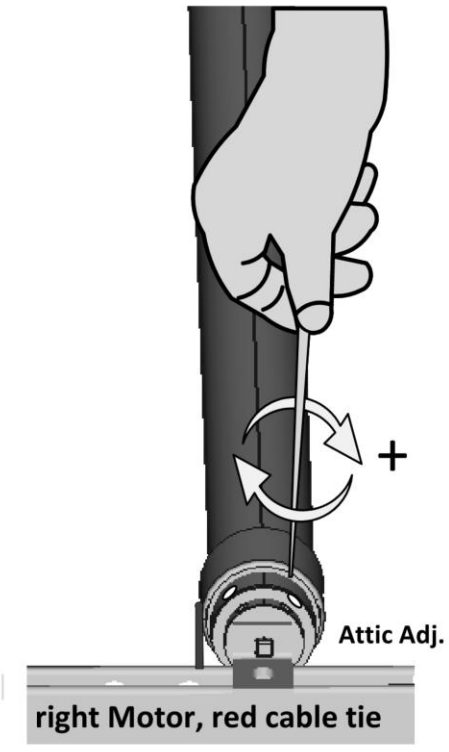
   If NO: Perform the Basic Setting procedure (Section 7.1 in detailed adjustment manual) before continuing.

   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 <u>both</u> 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

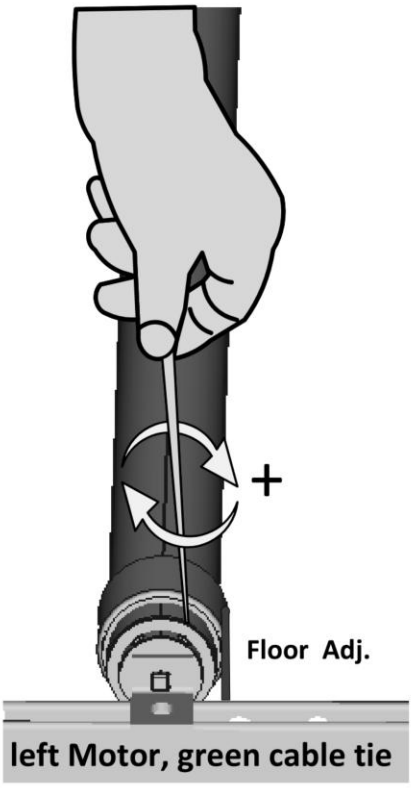
1. **Press DOWN (button 3)** and let the motors run until the platform stops by itself.
2. Does the platform stop at or before your desired floor height?

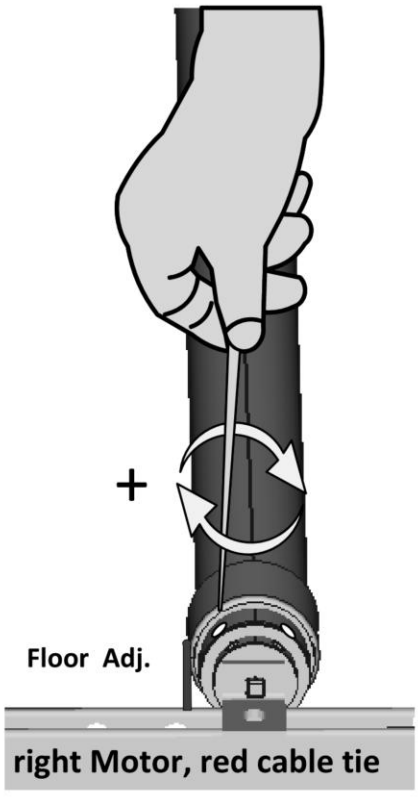
   If NO: Perform the Basic Setting procedure (Section 7.2 in detailed adjustment manual) before continuing.

   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 <u>both</u> 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 floor height and level the platform.**

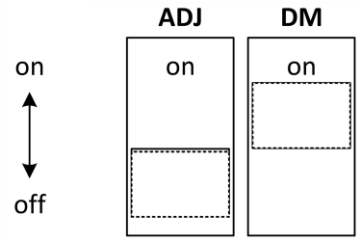
Step 4: Activate DEADMAN Function

⚠ ACTIVATE DEADMAN

After completing 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

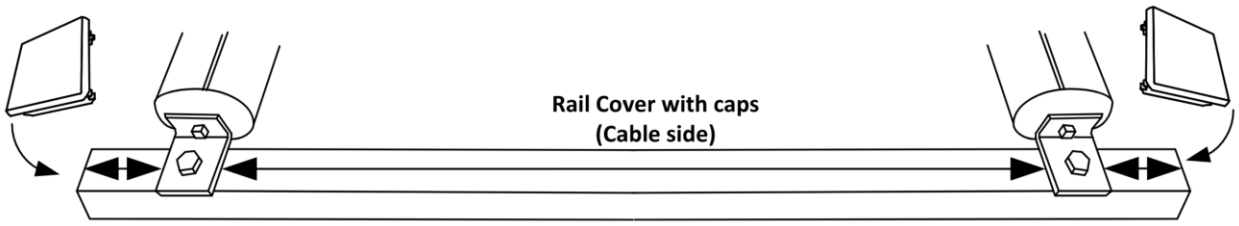
Hold the UP button until both motors stop at the attic position.
The lift must run to the attic end points (stop automatically) in order to be leveled properly.

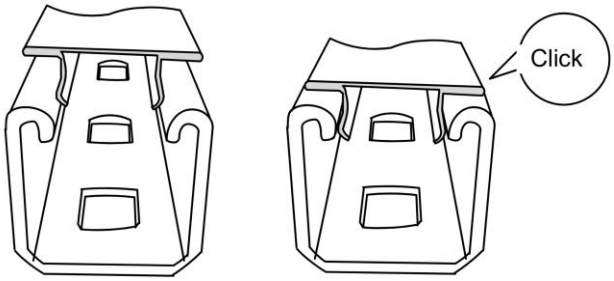
See details adjustment manual if needed!

12. Step 8: Covers

12.1 Install Strut Covers

1. Slide the covers (2x) (013A) over any exposed strut channel sections (cable side). Trim to fit if necessary.
2. Attach end caps (4x) (03EA) to both ends of each strut.
3. Verify the covers click securely into place.





ℹ Load Evenly

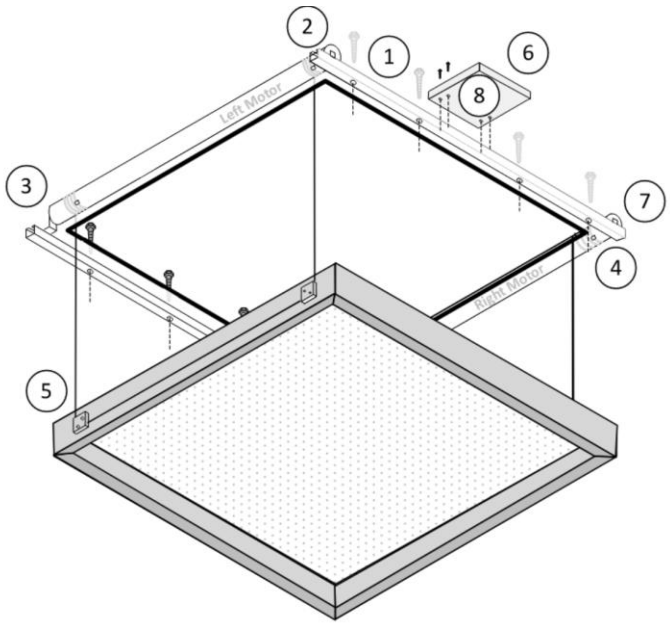
Always distribute stored items evenly across the platform surface.

13. Inspection Checklist

Complete this checklist after installation and once per year thereafter. Mark alignment marks on parts that might shift over time (like motor mounts) using a permanent marker. Inspect all items, especially movement at alignment marks, annually.

Inspect and tighten all screws, wire clips, grommets, and cotter pins. Make an alignment mark on each part that might be able to shift over time using a Sharpie pen.

1. All lag screws tightened (8x)
2. All cotter pins installed and opened up (4x)
3. All bracket screws tightened (4x)
4. All set screws tightened (motor area)
5. All M6 screws tightened
6. Wire clips tightened
7. Electrical wires in correct order
8. Electrical wires not laying on sharp corners
9. Controller switched on and functioning
10. Gap between bracket and motor not more than 1/16” (1 mm)
11. DEADMAN function activated (DM = ON)
12. Grommets installed on all wire paths
13. Always distribute stored items evenly across the platform surface.



14. Controller Troubleshooting (if needed)

14.1 Power On

1. Connect the power cable to the outlet.
2. Switch on the controller using the power switch (to the left).
3. Verify LED DL1 (Power) is lit.

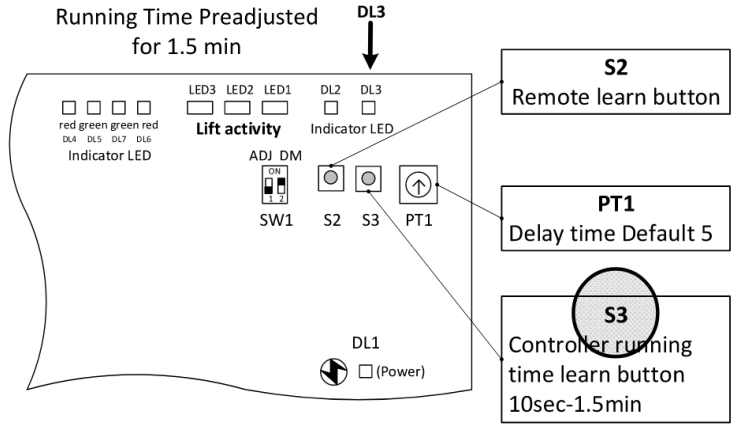
Problem	Check
DL1 is not lit after power on	Is the plug connected to the outlet?
	Is the outlet on a switch (and turned off)?
	Check the outlet works with another appliance.
	Check all wire connections at the controller.
	Disconnect from outlet and check fuses.

14.2 Running Time Setup

The running time is pre-adjusted to 1.5 minutes (maximum). You can reprogram it if needed.

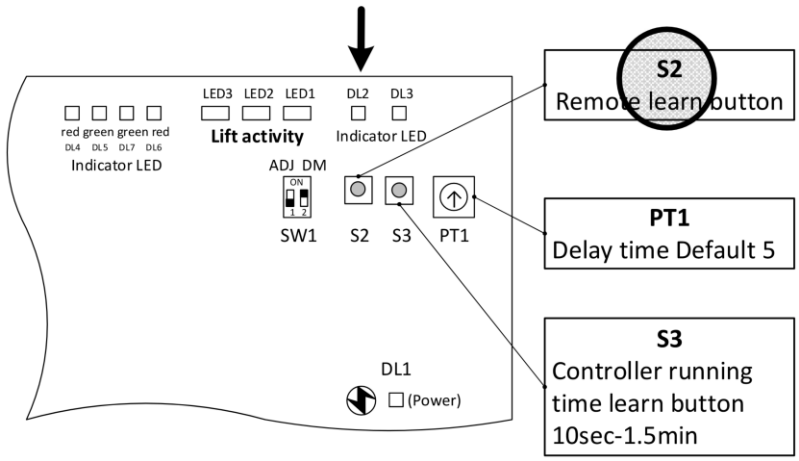
Action	Indicator
Press S3 (run time button)	LED DL3 starts to flash after 3 seconds
Hold S3 for desired time (10 sec – 1:30 min)	LED DL3 continues flashing
Release S3 when desired time is reached	LED DL3 stops flashing — running time is now set

Example: Press S3, wait for DL3 to start flashing, hold for 30 seconds, then release. Running time is now 30 seconds.

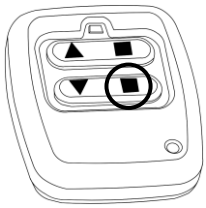


15. Remote Control Programming (if needed)

One-channel remotes are pre-set and should work out of the box. If you need to pair a new remote or add additional remotes, follow the procedure below.



One-Channel Remote (4-button)

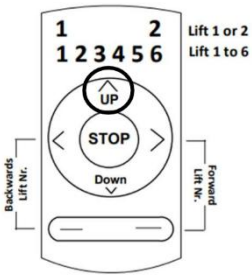


1. Click S2 on the controller (do not hold).
2. Click button 4 (Learn) on the remote control 2 times (do not hold).
3. Check: Is LED DL2 starting to flash?

   If YES: Press UP and hold for 3 seconds. Done.

   If NO: Check the remote battery (CR2032). Retry from step 1.

Multi-Channel Remote



1. Select the correct channel/lift number on the remote.
2. Click S2 on the controller (do not hold).
3. Click UP on the remote control 3 times (do not hold).
4. Check: Is LED DL2 starting to flash?

   If YES: Press UP and hold for 3 seconds. Done.

   If NO: Check the remote battery (CR2032). Retry from step 1.

Erase Remote Memory

Only do this if something is wrong with the remote programming:

1. Push and hold S2 on the controller until LED DL2 switches off. All paired remotes are now erased.
2. Re-pair all remotes using the procedures above.