OUTDOOR SHADES USA

Outside Mount Zip Installation

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PRE-INSTALLATION CHECKLIST:

Tools & materials (supplied by the user)

- Tape measure and pencil; speed square; level
- Power saw with a non-ferrous metal-cutting blade
- Power drill; 1/2 in bit and 1/4 in long-shank bit; T25 Torx bit
- Long-nose pliers; Phillips and slotted screwdrivers; Phillips bit
- Utility knife or scissors; electrical wire stripper; soft mallet
- Ladder and sawhorses
- Fasteners are not included. See the next slide. Embedment at least 2 in.

Electrical

- Grounded outlet and an extension cord
- Dooya 120V motors ship with a male plug. Somfy Maestria has no male plug.

People

- Two or more people to lift and set the housing

FASTENERS EXAMPLES (NOT INCLUDED)

Use hardware that embeds at least 2 in into the structure. These are examples, not the only options.

	CONCRETE	**HOLLOW BLOCK**	**WOOD**	**STEEL / ALUMINUM**
Housing	3/16 in 410 SS Tapcon 9/16 in x 4 in	3/16 in x 2-1/2 in toggle with stainless bolt	No. 8 flanged wood screw T15, 2-3/4 in	Steel: 3/8 in SS thru-bolt, 2-1/2 in or longer. Aluminum: #14 Tek 2-1/2 in or longer
Tracks	1/4 in x 2-3/4 in hex-head tapping screw for concrete	1/4 in hex-head tapping screw for concrete, 2-1/2 in or longer	No. 8 flanged wood screw T15, 2-1/2 in or longer	Steel: 3/8 in SS thru-bolt, 2-1/2 in or longer. Aluminum: #14 Tek 2-1/2 in or longer

Questions on the right fastener for your opening? Call, text, or email 877-607-4233.

Determine location and orientation of unit to install

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Confirm and inspect all products

Confirm opening measurements

Remove housing cover using a T-25 Torx Bit

Remove the motor clip with pliers

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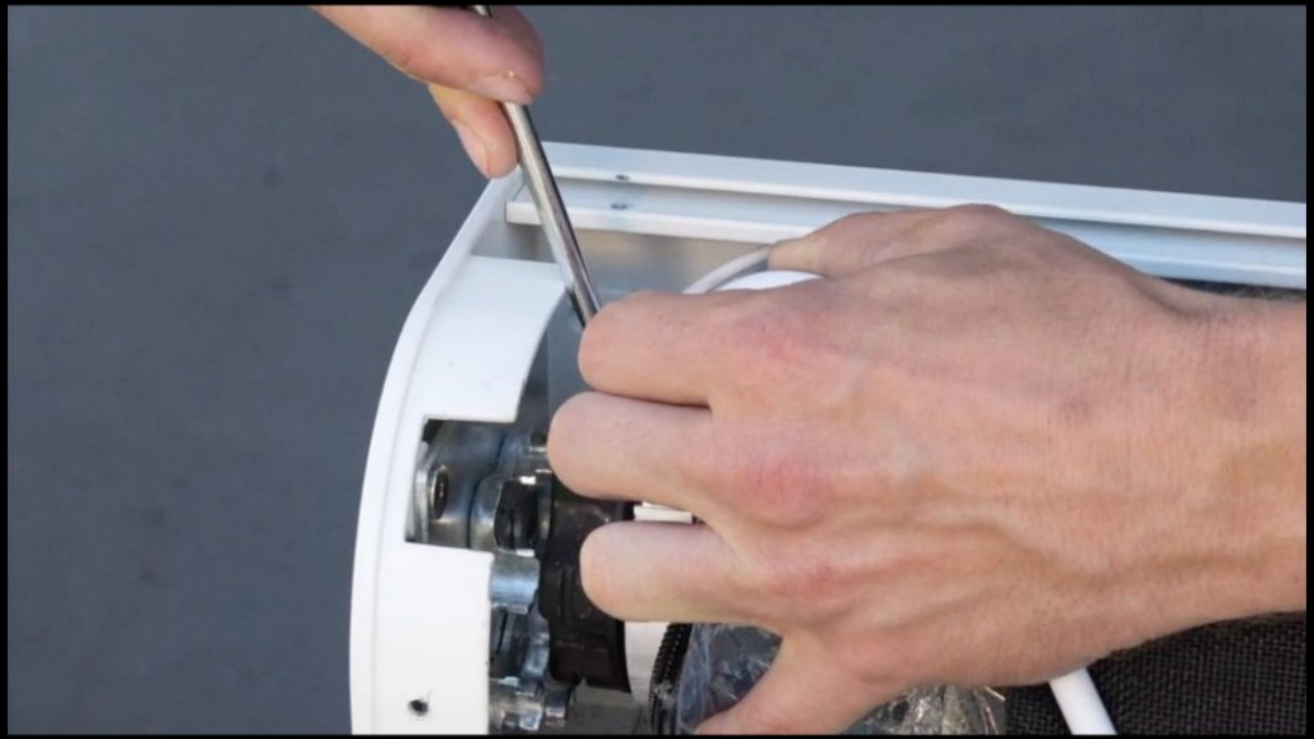

Remove roll screen tube using Flat head screwdriver or small pry bar

Re-attach motor clip to motorside housing

Prepare housing for install by drilling holes at end caps and center line

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Mark center of housing and header

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Center and install housing with appropriate hardware (not included)

POWER CORD ROUTING:

- Most zip shades ship with a Dooya 120V motor. That motor has a male plug.
- Pick one route. You do not have to drill a hole in the cassette.

Option A — no need to cut the plug off

- Run the cord out the bottom corner of the box, where the track meets the cassette.

Option B — no need to cut the plug off

- If the outlet is low, run the wire down the track under the track cover.

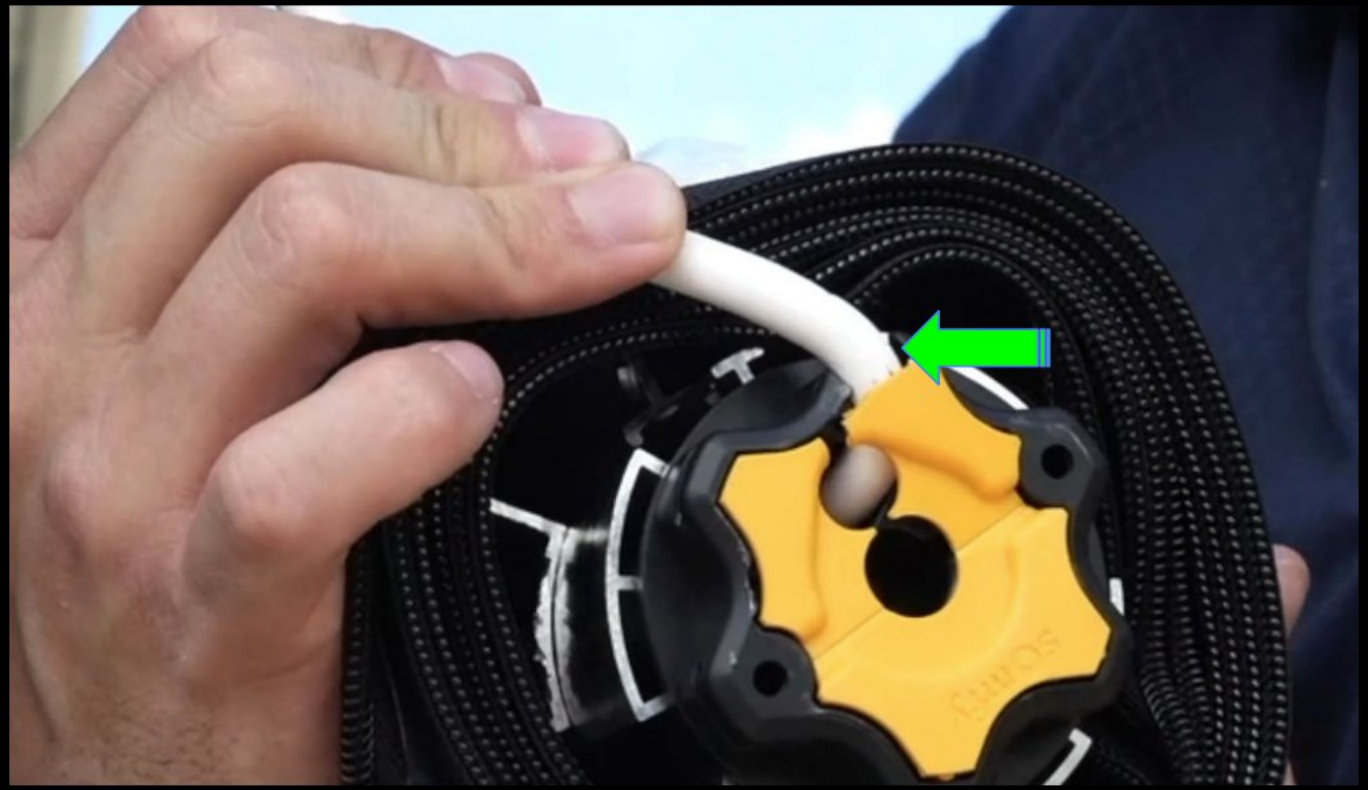
Option C — drill a 1/2 in hole

- Drill the 1/2 in hole in the top, back, or side, near the end cap, where it will not interfere with the screen roll.
- The Dooya plug will not fit. Cut the plug, feed the cord, then a new 3-prong from the hardware store — or hardwire. Your choice.
- If you ordered Somfy Maestria, there is no male plug. Skip Option C plug-cutting.

Option A — no need to cut the plug off. Run the cord out the bottom corner where the track meets the box.

Option B — no need to cut the plug off. If the outlet is low, run the wire down the track under the track cover.

Option C: 1/2 in hole in the top, back, or side near the end cap — clear of the screen roll.



Place the motor cord through the motor housing channel. Same path for Dooya or Somfy.

Option C: cut the Dooya plug, then feed the cord through the hole.

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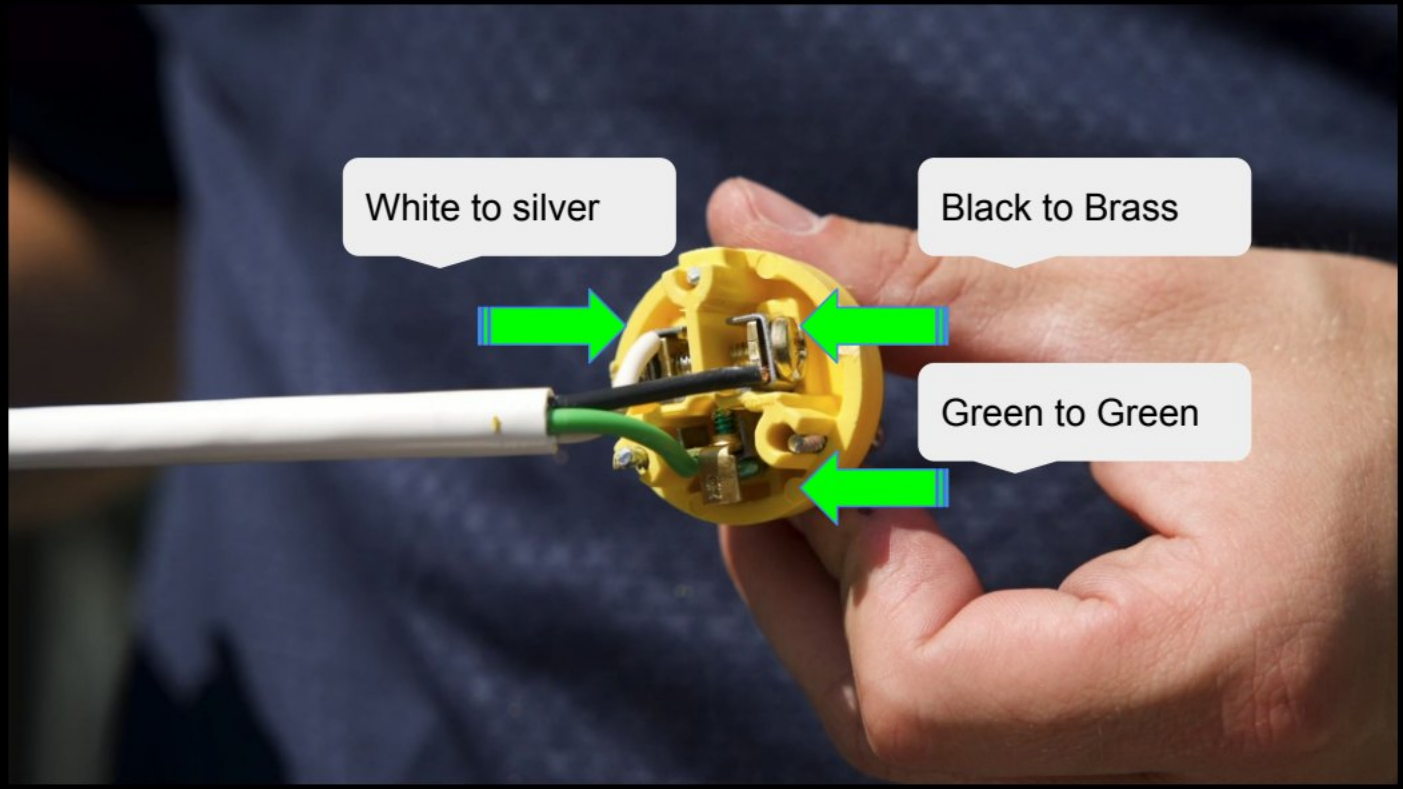
Install and compress roll tube idler end first

Snap motor head into locking plate



If you cut the plug: new 3-prong from the hardware store, or hardwire. Your choice.

PROGRAM THE MOTOR — DOOYA 120V:

- Most Outdoor Shades USA zip shades ship with a Dooya 120V motor and a DD2700H or DD2702H remote. There is no MY button.
- If the shade already runs from the remote, skip pairing and go to rotation and limits.
- Wait for the motor to jog and beep, then press. More than 6 seconds between presses and that step starts over.
- Set temporary limits about 8 inches below the housing and 8 inches above the ground so you can load the zipper and set the tracks.
- If you ordered Somfy Maestria, use the Maestria Programming PDF instead of the next slides.

PAIR THE MOTOR

STOP

Plug in. The motor jogs and beeps.

Then hold STOP 2 seconds — do it after that beep, before 7 seconds is up.

Motor jogs twice and beeps three times. Skip if the remote already runs the shade.

After the jog and beep, hold STOP 2 seconds — before 7 seconds is up.

CHECK ROTATION

Press Down. The screen should go down.

If Up sends it down, hold Up and Down 2 seconds to reverse.

Do this before limits are locked in.

If direction is wrong, hold Up and Down 2 seconds to reverse.

TEMPORARY UPPER LIMIT

Run the screen up and stop about 8 inches below the housing.

Hold Up and STOP 2 seconds (2 jogs, 3 beeps).

Stop 8 in below the housing, then hold Up and STOP 2 seconds.

TEMPORARY LOWER LIMIT

Run the screen down and stop about 8 inches above the ground.

Hold Down and STOP 2 seconds (2 jogs, 3 beeps).

Continue with the bottom bar and tracks.

Stop 8 in above the ground, then hold Down and STOP 2 seconds.

Slide screen zipper into bottom bar chase

Hook the zipper / keder tab onto the bottom bar probe. Do both ends.

Screw the tab to the probe on both ends.

Trim extra zipper if it hangs past the probe.

Raise screen to temporary upper limit. Measure for the tracks from ground to bottom of housing

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Measure and cut left and right tracks

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Angle tracks to ensure screen guide enters top funnel

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While holding L&R tracks in place, lower screen to bottom limit

Level and install tracks with appropriate fasteners (not included)

Test Screen function by running screen up and down. Adjust tracks as needed

Attach track covers with a rubber mallet. If you ran the cord down the track, the wire sits under this cover.

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Reinstall housing cover

FINAL UPPER LIMIT

Hold Up and STOP 5 seconds to unlock (1 jog, 1 long beep).

Jog to the finished upper position.

Hold Up and STOP 2 seconds to save (2 jogs, 3 beeps).

Unlock: Up + STOP 5 seconds. Save: Up + STOP 2 seconds.

FINAL LOWER LIMIT

Hold Down and STOP 5 seconds to unlock (1 jog, 1 long beep).

Jog to the finished lower position.

Hold Down and STOP 2 seconds to save (2 jogs, 3 beeps).

Unlock: Down + STOP 5 seconds. Save: Down + STOP 2 seconds.

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Final product

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Need help?

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