



DIY - SunCover 1000

Retractable Awning Owners Manual
for Manual and Motorized Awnings

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Monday - Friday: 8:00AM - 5:00PM (Eastern time)

CAUTION: BEFORE STARTING ASSEMBLY AND INSTALLATION. **NOTE:** AWNING FRAME PARTS ARE MADE OF METAL AND MAY HAVE SHARP CORNERS, PLEASE HANDLE CAREFULLY. READ AND FOLLOW ASSEMBLY AND INSTALLATION GUIDE OR CONSULT A LICENSED AWNING SPECIALIST. PLEASE KEEP CHILDREN AWAY FROM YOUR WORKING AREA.

Awning Installation Guide -Table of Contents

Awning Installation Guide1	Installation to Bottom of Beam3
Parts included	
Required tools	
Installation Requirements1	Awning Features4
	Standard features
	Optional features
	How to adjust pitch
Awning Installation1-2	Awning Care and Cleaning4
How to install wall brackets	Fabric
Mounting awning to brackets	Frame
Installation on various surfaces2-3	Warranty Policy & Coverage4-5
Stone	Framework
Brick	Framework Finish (Powder Coating)
Siding	Fabric Covers & Seams
Wood	Motors
Ceilings	Electronics
Roof	DIY Warranty Information
Stucco/Cultured Stone	
Concrete Surface	
Fascia	
Metal Buildings	
Concrete Block Wall	

WARNING:

Before opening or operating the awning, be sure all brackets are mounted precisely and securely into wall studs and all screws are properly tightened. Please carefully read the installation guide; improper installation, such as failure to secure brackets, could result in possible awning collapse, serious injury and/ or property damage. Securely anchoring the awning is your responsibility.

Never attempt to remove the fabric from awning. Do not attempt to loosen, adjust or remove the arms. The arms are under extreme tension (Due to springs - located inside both the left and right arms). Serious bodily injury and/or property damage can occur.

It is highly recommended to never attempt to repair or adjust units without consulting an awning specialist of the manufacturer.

Awnings should always be closed during high or gusting winds, rain, snow, ice and when not in use. The products main purpose is for shade. DIY Retractable Awnings does not warranty the awning against any weather related damage under any circumstances.

For any question on assistance with installation and assembly, please contact your local awning dealer or awning specialist.

DIY Retractable Awning

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website: <https://diyretractableawning.com/> for more detailed information.

We are open Monday through Friday, 8:00am - 5:00pm Eastern time.

AWNING INSTALLATION GUIDE

Important Information:

Before attempting to install the awning, it is necessary to read ALL instructions carefully. Damage to the awning during installation is not covered by the warranty.

If you need further assistance, please contact a local contractor for professional installation:

Parts included in the package:

- Awning unit (completely assembled unit)
- Hand crank for manual operation
- Mounting brackets (2 - 6 pieces) with screws, nuts, and washers for securing the awning to the bracket
- 4" lag screws and washers, to attach mounting brackets to a wood stucco surface

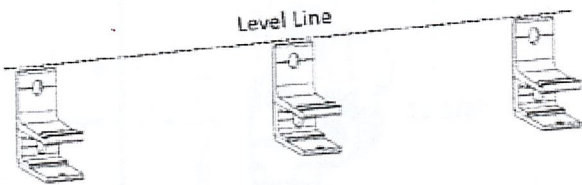
Required Tools:

- Drill
- Impact drill
- 1/4" masonry bit (for drilling through stucco, brick or concrete)
- Level (a 3' or 4' would be best)
- Ratchet with a 9/16" socket drive
- 1/2" open end wrench
- Ladder (two or three 6' or 8' step ladders)
- Tape measure
- Allen wrench, 3/8"
- Philip's head screwdriver
- Pencil or marker
- Silicone Caulking

NOTE: For brick and concrete surface, special anchors can be purchased at your local hardware store.

INSTALLATION REQUIREMENTS

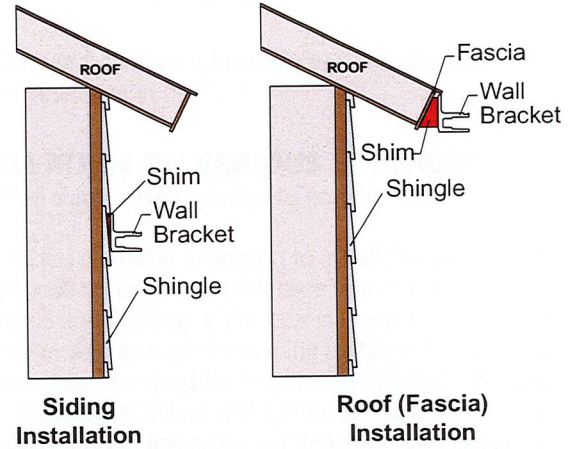
Normal installation height of brackets centers should be between 8' to 9'. A height of 7' is the lowest mounting height recommended. If doors swing out, a minimum 12" clearance is required so the awning will clear doors with sufficient pitch. Calculate the headroom your awning will require. After installation height is determined, draw a "mounting bracket" line with a string level or pencil a line using a 3' or 4' long straight level.



NOTE: If you're mounting it under an overhang, please allow a 4" clearance between the top of the roller tube and the overhang, and a 6" clearance for a cassette unit if applicable. For a 10' projection awning, it's necessary to have 10" to 20" of pitch, depending on the mounting height.

It is VERY important that this line is leveled, which may mean the line might not be parallel with structural lines, such as siding on the exterior wall. The ideal placement of wall mount brackets is no further than 12" away from the shoulder support bracket, which carries all the weight of the lateral arm.

CAUTION: The lateral arm awning exerts significant tension on the torsion mounting bar. Failure to install properly could result in property damage and/or bodily injury.



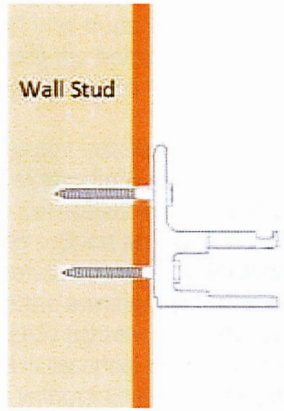
AWNING INSTALLATION

How to Install Wall Brackets: Correct wall bracket installation is the most essential aspect of the awning mounting process. Wind of even moderate intensity can place great stress on the brackets; therefore proper installation is an absolute necessity.

Verify that your shipment contains all the necessary components. Ensure that your installation location is interference free. Check that the obstructions will not impede the awning; such as downspouts, lights, vents, trim, etc.

Place safe, stable ladders on a flat, dry, secure surface at both ends of where the awning will be installed. Next, determine when brackets can be fastened to the wall. All wall brackets must be securely mounted to STUDS. Failing to secure wall brackets properly may result in awning collapse, possible bodily injury, and/or property damage. It is vital that you verify your conclusions completely. While in a stud of rafter, it should never become extremely easy to turn the ratchet. Mark the positions of the studs or rafters where you have decided to install your awning.

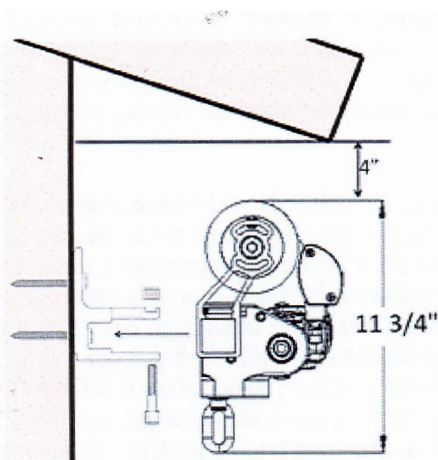
After locating the studs, verify the edges and center of the stud by drilling a series of small holes. (Be sure that you have hit a stud). Confirm that the bracket is level with the line, and place over the center of the stud. Fasten lag screws at least two inches into the stud centers in order to firmly secure brackets. When fastening brackets into vinyl or aluminum siding, trace and cut the area around the base of the bracket. Repeat all previous steps for the remaining brackets. Be sure to use all brackets provided. Position a bracket as close as possible to each of the lateral arms. Distribute the remaining bracket(s) evenly across the awning torsion bar. It's absolutely important that all brackets are aligned with each other, in order that the torsion bar can be easily fitted. Using a string as reference, ensure that the brackets are completely level and aligned properly. After finishing fastening the wall brackets, fill in any extra holes that may have been drilled. Caulking around the brackets is essential to prevent moisture build up.



CAUTION: Bracket **MUST** be installed into wall studs. The brackets should be secured with lag screws as close to the center of the stud or joist as possible

Mounting Awning to Bracket: In order to prevent the awning from unexpectedly opening during the installation, process, make certain that the awning is in the closed position with restraining straps securing the arms.

WARNING: Do not remove restraining straps until the installation is complete. Because the lateral extension arms are under high tension, they have the potential to cause serious property damage or bodily injury if not tied closed during installation. Do not attempt to repair or disassemble the lateral extension arms yourself.



With assistance, lift the awning to the wall brackets and slip the torsion bar (black bar) into brackets. Ideally, the torsion bar should be moved to very back of the bracket. If the torsion bar has difficulty slipping into the brackets, first hold the bar in place. Then slowly lift or lower the front bar until the torsion bar completely slides into the bracket. This may require the brackets to be loosened slightly. Once the torsion bar is secure, re tighten the nuts on the brackets. Make sure the awning is centered, and then secure the retaining screws with nuts. You may now remove all restraining straps. While removing the restraining straps from the awning, be careful not to damage the fabric.

CAUTION: Verify that all nuts are completely tightened.

NOTE: To avoid damage, retractable awnings should be retracted when not in use.

INSTALLATION ON VARIOUS SURFACES

NOTE: Add shims when needed to non-flat surfaces.

Stone: When choosing a location to install the awning, be sure not to choose an unstructured facade. The awning requires a structured and flat surface. If the face is uneven, the brackets will not align well enough for awning installation. Toggle style fasteners should be used for mounting into block which will require longer bolts. When drilling through stone, use masonry bit. Caulking around the holes and brackets is essential to prevent moisture buildup.

Brick: When choosing a location to install the awning, be sure to not choose an unstructured facade. The awning requires a structured and flat face. If the face is uneven, the brackets will not align well enough for installation. Toggle style fasteners should be used for mounting into block which will require longer bolts. When drilling through stone, use masonry bit. Caulking around the holes and brackets is essential to prevent moisture build up.

Siding: When choosing a location to install the awning, be sure not to choose an unstructured facade. The awning requires a structured and flat surface. In order to ensure a more secure installation, bolt brackets into the studs or wood beams. The first method requires mounting a 2"x8" pressure treated wood board to the house. Then, using long bolts, secure the brackets through the board. Make sure to fasten bracket into studs and/or header. Bolts should penetrate through the board and enter the studs. For aesthetics, the board can now be painted or stained to match the house.

For the second method, determine a location with suitable studs or header where the awning can be mounted. First, drill $\frac{3}{8}$ " x $1\frac{1}{2}$ " deep to the studs. This method requires a shim; it is recommended to use a $\frac{1}{2}$ " to 1" spacer. Modify the spacer by trimming until approximately $\frac{1}{4}$ " above siding. Caulking around the holes and brackets is essential to prevent moisture buildup.

Wood: You may use a stud finder to establish the location of nails. Nails are a sign, but not a guarantee of where studs and rafters are. It is vital that you verify your conclusions completely. While in a stud or rafter, it should never become extremely easy to turn the ratchet. Mark the positions of the studs or rafters where you have decided to install your awning. Normally studs found in the interior of the house are suitable for use on the exterior. Be sure to use long bolts that are suitable to be secured 2" to 3" into studs. In order to prevent splitting the studs while tightening the bolts, remember to pre-drill studs. All avoid stripping the thread by not over tightening the bolts.

Ceilings: Ceiling mount installations are ideal if inadequate head clearance or obstructions impede standard style awning mounts. Secure to only select joists or soffits that will be sufficiently sturdy to support an extended awning. In addition, ensure that the intended installation location has adequate clearance to fasten the awning. Verify that all nuts and bolts are secure and completely tightened. Finally, caulking around the holes and brackets is essential to prevent moisture buildup. Retracted awnings without an easy crank pitch adjustment will have height of at least 11".

Roof: Roof mount installations are ideal of inadequate clearance or obstructions impede standard style awning mounts. This installation procedure is intended for asphalt shingles; as a result it may not be ideally suited for other roof types. Ideally, brackets should be fastened as near as possible to the edge of the roof while having enough space to maintain a secure fastening. However, if the unit is too close to the edge of the roof, pitch adjustment may be obstructed. You may refer to the wood installation instructions as the two procedures are similar. Before beginning installation, confirm that the intended location will not impede the operation of pitch adjustment, manual override, etc. First determine the location of suitable roof rafters. Use a small drill bit to pre-drill holes in the intended locations. Next, fasten the lag bolts a minimum of 3" deep into the rafters. Be sure to install all remaining brackets. Verify that all nuts and bolts are secure and completely tightened. Caulking around the holes and brackets is essential to prevent moisture build up.

Stucco/Cultured Stone: When choosing a location to install the awning, be sure not to choose an unstructured facade. The awning requires a structured and flat face. If the face is uneven, the brackets will not align well enough for awning installation. To drill through stucco or cultured stone, use a masonry bit. In order to prevent splitting the studs while tightening the bolts, remember to pre-drill studs. Drill a pilot hole into the stud. With a ratchet, install two lag screws and two washers to fasten the bracket to the wall. Caulking around the holes and brackets is essential to prevent moisture buildup.

Concrete Surfaces: When choosing a location to install the awning, be sure not to choose an unstructured facade. The awning requires a structured and flat face. If the face is uneven, the brackets will not align well enough for awning installation. Use a masonry bit to drill into the concrete. Drill 3" deep holes into the surface and put in two wedge anchors. Each anchor should have its own washer installed. The brackets and anchors should be positioned so that the anchors emerge through the mounting holes. Install an additional washer and securely tighten the nuts. Caulking around the holes and brackets is essential to prevent moisture buildup.

Fascia: All guttering must be removed before an awning can be installed on fascia. In order to facilitate installation, the fascia board must also be greater than 5" high. For this type of installation since the lowest points of the awning are the mounting bracket, the top of the awning must be above the roof line. Drill holes using the brackets as a guide. Next, drill a pilot hole into the rafter. Using a ratchet secure the brackets to the fascia with two lag screws and two washers. Repeat the procedure for the remaining brackets. Finally, caulking around the holes and brackets is essential to prevent moisture build up.

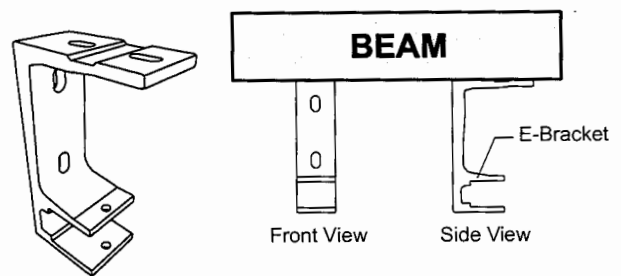
Metal buildings: First, locate the buildings structural supports. Structural supports are normally recognized by the presence of surface screws. Typically, metal buildings' structural supports will be positioned vertically. In order to create a horizontal surface, a piece of 2" x 6" treated lumber, 4" longer than the awning needs to be mounted onto the metal supports. A line should be drawn that is aligned with the bottom corner of the lumber.

Using 3" self tapping sheet metal screws, briefly position and secure the board. Likewise, it is necessary to secure an additional and identical 2" x 6" onto the inside of metal. Position a bracket as close as possible to each of the lateral arms. Spread out the remaining bracket(s) evenly across the awning torsion bar. Using the brackets as a guide, trace and drill holes through the front board. Next, fasten the bracket through the front board and into the back board with lag screws and washers. Repeat this procedure for all remaining brackets. Finally, finish by caulking where the metal siding meets the top of the board. Caulking around the holes and brackets is essential to prevent moisture build up.

Concrete Block Walls: When choosing a location to install the awning, be sure not to choose an unstructured facade. The awning requires a structured and flat face. If the face is uneven, the brackets will not align well enough for awning installation. You must be able to access the back of the block. Draw a level horizontal line using a laser or string level at least 6' away from the wall. Next, clearly mark the position of both ends of the awning on the line. Drill holes completely through the block at the marked locations. By using the newly drilled holes in the block as a template, drill holes through a piece of 2" x 6" lumber that is the same length as the awning. Using a ratchet, fasten everything, including all nuts and washers, securely. Position a bracket as close as possible to each of the lateral arms. Spread out the remaining bracket(s) evenly across the awning torsion bar. Repeat the procedure for all remaining brackets. Finally, caulking around the holes and brackets is essential to prevent moisture build up.

INSTALLING TO BOTTOM OF BEAM

Place safe, stable ladders on a flat, dry, secure surface at both ends of where the awning will be installed. Next, determine locations suitable for bracket mounting. All wall brackets should be firmly attached to studs. Failing to secure wall brackets in studs may result in awning collapse, possible bodily injury, and/or property damage. You may use a stud finder to establish the location of nails. Nails are a sign, but not guarantee of where studs and rafters are. It is vital that you verify your conclusions completely. When you have decided where to install your awning, mark the positions where you will mount the wall brackets. Also, mark the ends of where the awning will be installed. Mark the holes using the bracket as a template. Draw a line to use as a guide, and position the front of the bracket suitably. Drill a pilot hole into the board and fasten the bracket into the boards by using a ratchet. Ensure that the screws and washers are securely fastened. Repeat this procedure for all remaining brackets. Finally, caulking around the holes and brackets is essential to prevent moisture build up.



Beam Mount Installation

AWNING FEATURES

The retractable awning is a stable, functional design for patio and balcony use. It is appealing because of its easy operation, attractive appearance, and last but certainly not least, its great value. The open bearing rod and fabric roll are protected from corrosion by a special galvanizing treatment. Thanks to its powder-coated and/or anodized aluminum hinged arm and robust vertical impact security, this awning is resilient against wealth impacts.

Standard Features:

- Available in various sizes
- Exceptional rigidity and weather resistance
- Sleek European design
- Aircraft engineered construction
- Crank pitch adjustable from 0° to 45°
- Lateral arms include stainless steel cables
- Stainless steel hardware included

Optional features:

- Aluminum protective hood
- Electric motor with remote
- Sun and wind sensor
- Soffit bracket
- Roof mount bracket kit

How to Adjust Pitch: As the seasons change during the year, so does the position of the sun. The movement of the sun may subsequently cause your awning's pitch (angle) to be either inadequate or too great for your needs. Thankfully, the monarch allows for easy adjustment of pitch to compensate for the varying angles of the sun throughout the year.

First, either retract or extend the awning to approximately 2' from its retracted position. This provides greater ease and safety when adjusting pitch. Next, insert the hook end of provided crank handle into one of the awning's arm pitch adjustment handles. Now rotate the crank clockwise or counter-clockwise until desired pitch is obtained. Repeat procedure for each of the awning's arms.

CAUTION: Once you are no longer able to rotate the adjustment crank, the awning has reached its highest possible range of pitch. At this point, do not attempt to force the awning's pitch to be modified further. Ignoring this warning may cause damage to the awning. Use the two bubble levels on the front bar to level the pitch.

AWNING CARE AND CLEANING

WARNING: Always unplug any electrical appliance before attempting any service.

Fabric: Fabrics should be cleaned regularly before substances such as dirt and debris particles are allowed to accumulate on and become embedded in the fabric. The fabric can be cleaned without being removed from the awning frame by simply brushing off any loose dirt, roof particles, etc. Clean with water and a mild soap solution (no more than 100°F). We recommend cleaning solution for most stains consists of 0.5 ounce of antibacterial dish washing liquid to 22.5 ounces of water. **DO NOT USE DETERGENTS!!**

Spot wash by sponging briskly with a soap solution of mild soap in lukewarm water. Rinse thoroughly with clean water to remove soap and air dry.

Synthetic fabric does not promote mildew growth. However, mildew may grow on dirt and other substances that are not removed from the fabric. To clean mildew stains, prepare a mild solution of two caps full of a mild soap per gallon of water. Spray on entire area and allow it to soak in. If necessary, scrub softly with a sponge or clean rag. Rinse thoroughly with clean water and air dry.

In cases where an awning is taken down and stored during winter season, it should be cleaned, allowed to air dry, and stored in a dry, well ventilated area. Many fabricators offer reasonable prices for removal, cleaning, storage and reinstalling services on an annual basis.

NOTE: After thorough cleaning of fabric, we recommend applying a water repellent fabric solution to maintain protection.

Frame: the awning frame may be rinsed off with a hose. If soap is needed, use a mild soap with a soft sponge. Rinse the awning thoroughly. Open the awning to allow the frame to dry. Wipe off any excess water around any switch, socket or electrical part. Make sure the awning and surrounding area is dry prior to plugging in and turning on the power.

Any auto polish may be used on the frame to help protect the frame from the elements.

WARRANTY POLICY & COVERAGE

DIY Retractable Awnings warrants the awning framework, awning frame finish, fabric covers, motors and electronics, if so equipped, to be free from defects in materials and workmanship under normal and proper use for the following duration, all commencing from the date of sale:

Framework: The awning's aluminum framework is warranted against material failure due to quality and workmanship. On SC1000 models, the warranty is for a period of (3) years.

Framework Finish (Powder Coating): The framework finish is warranted against fading, blistering, peeling, or de laminating from the aluminum framework. On SC1000 models, the warranty is for a period of (1) year.

Fabric Covers and Fabric Seams: The awning fabric cover, sewing and seams are warranted against excessive loss of color or strength from normal exposure to sunlight and atmospheric chemicals. On SC1000 models, the warranty is for a period of (5) years.

Motors: The optional motor, if so equipped, is warranted for a period of (5) years on all models. Although the motors used in our products are rated for outdoor use, adequate steps must be taken to protect them for rain, sleet etc. Motor damage due to water infiltration is not covered under this warranty.

Electronics: The electronic accessories are warranted for a period of (5) years for all models. In addition, it is understood, by acceptance of this warranty, that optional electronic accessories purchased to help protect the value of your awning (i.e. wind sensors, sun/wind sensors, etc.) are not sold as a guarantee, but as an added level of protection to guard your awning from damage associated with acts of nature. Reasonable care and use of your awning is the responsibility of the owner and should not be entrusted to electronic devices.

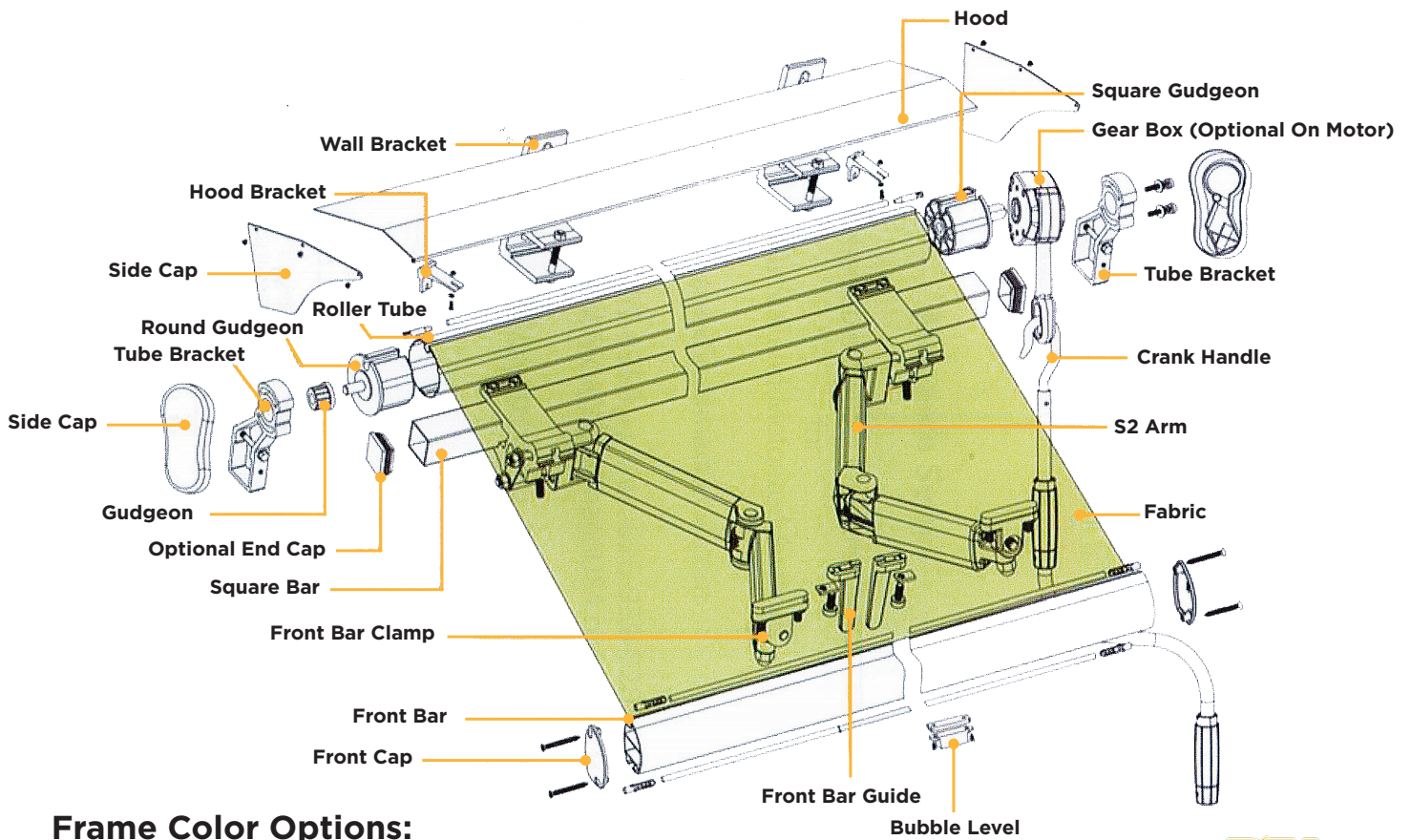
Any defects in the awning must be reported within the warranty period listed above. Under this warranty, DIY AWNINGS, LLC reserves the right to repair or replace those parts that have been returned or are deemed defective. If any item is replaced due to a warranty claim, the warranty is not extended on the replaced item, but rather applies to the original warranty period. This warranty is non-transferable.

This limited warranty does not cover defects caused by faulty installation, reinstallation, or service by the homeowners or any other entity. DIYAWNINGS, LLC is not responsible for normal wear and tear, damage caused by misuse, vandalism and acts of nature such as, but not limited to, hurricanes, tornadoes, wind, hail, flooding, fire, snow loads, rain or rain accumulation.

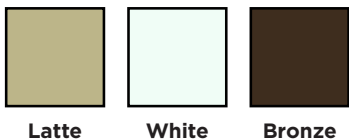
Labor cost for the removal and reinstallation of awning appts is not covered by this warranty and is the responsibility of the homeowner. Any defective part must be returned to DIYAWNINGS, LLC.

DIYAWNINGS, LLC shall not be liable for any incidental or consequential damages, loss, or injury. This warranty gives you specific legal rights, but you may also have additional or other rights, which may vary from state to state.

DIY - SC1000



Frame Color Options:



EXPANDED VIEW AND EXPLODED VIEW