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**DELUXE PLUS, DELUXE W/ SLATS,
ELITE, GRANDVIEW, & SUNSCREEN
WINDOW AWNING
REPLACEMENT INSTRUCTIONS**

SERVICE INSTRUCTIONS

**DELUXE PLUS, DELUXE
W/ SLATS, ELITE, GRAND-
VIEW, & SUNSCREEN
WINDOW AWNINGS**

REVISION A
Form No. 3104340.033 12/16
(French 3108127.022)
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SAFETY INSTRUCTIONS

This manual has safety information and instructions to help users eliminate or reduce the risk of accidents and injuries.

RECOGNIZE SAFETY INFORMATION



This is the safety alert symbol. It is used to alert you to personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

UNDERSTAND SIGNAL WORDS

A signal word, when used with the safety alert symbol, will identify a safety hazard and its level of risk for personal injury. A signal word, without the safety alert symbol, will be used for property damage messages only.

⚠ WARNING WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

⚠ CAUTION CAUTION, used with the safety alert symbol, indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

NOTICE NOTICE is used to address practices not related to personal injury.



Read and follow all safety information and instructions to avoid possible injury or death.

GENERAL INSTRUCTIONS

⚠ WARNING

These instructions must be read and understood before installation, adjustment, service or maintenance is performed. This hardware must be serviced by a Dometic Corporation Service Center or a qualified service technician. Modification of this product can be extremely hazardous and could result in personal injury or property damage.

Important: Keep these instructions with owner's manual for future reference.

Tools and supplies required:

- Socket Wrench Set
- Screw Drivers
- Pop Rivet Tool
- Locking Pliers
- Adjustable Wrench
- Electric Drill
- Step Ladder
- 3/16" Drill Bit
- 1/8" Drill Bit
- 1/8" Pop Rivets
- 3/16" Pop Rivets
- 1/8" TEK Screws

The Fabric Roller Tube Assembly (FRTA) consists of a vinyl or acrylic fabric, roller tube, and torsion assembly.

For proper awning operation, the roller is under spring tension from the torsion assemblies. Improper release of this spring tension can result in damage to the awning, severe personal injury, or both.

Service to the fabric roller tube should be performed by a qualified service person ONLY.

In all instances of fabric or roller tube replacement, it will be necessary to have a work area large enough to allow complete unrolling of the awning. This area must be clean and smooth so the fabric will not be damaged.

Read and understand these instructions before starting the replacement of a fabric, roller tube, or torsion assembly.

Dometic Corporation reserves the right to modify appearances and specifications without notice.

PROCEDURE

A. Removal Of Awning From Coach

Note: Awning removal from the coach is NOT necessary when replacing a torsion assembly. Proceed to Section B.

For Deluxe Plus, Deluxe w/ Slats, Elite And Grandview Models:

1. Remove the TEK screws securing the awning fabric aluminum guard at each end of the awning rail.
2. Slide the awning fabric/aluminum guard out of the awning rail.

For Sunscreen Models:

1. With locking pliers, grasp top casting on right end of awning.
2. Remove 1/4-20 x 3/4 truss hd. bolt that secures right top casting to mounting bracket.
3. Carefully pull right top casting away from mounting bracket and slowly allow the torsion spring to unwind completely.
4. Remove 1/4-20 x 3/4 truss hd. bolt securing left top casting to mounting bracket.
5. The Sunscreen can now be removed from the coach.

B. Removal And Unwinding Of Torsion Assembly Spring

⚠ WARNING

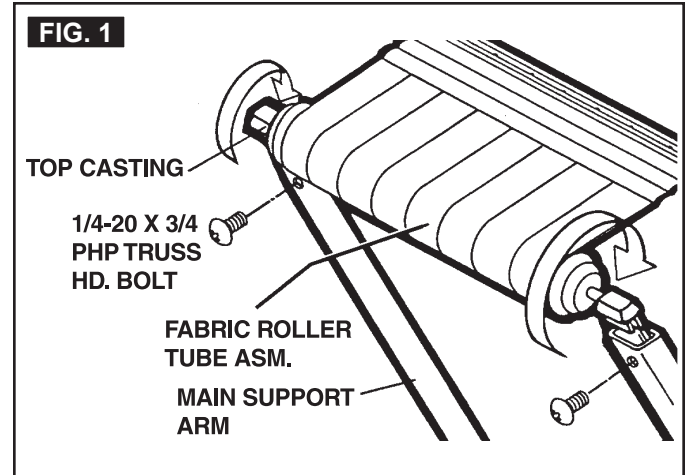
IMPACT OR PINCH HAZARD. Do not remove top casting from arm assembly until torsion (rod) is securely pinned at end cap. Otherwise, rapid casting spin off will occur.

Use extreme care when unwinding the top casting. If not controlled, rapid casting spin off will occur.

Spring tension will attempt to spin the hardware and/or fabric roller tube quickly and unexpectedly. Failure to obey these warnings could result in death, serious injury, or property damage.

Note: When awning is installed on a coach, complete the following steps on a step ladder, with the awning fabric unrolled three inches from the awning rail.

1. Remove the 1/4-20 x 3/4 PHP (truss hd.) bolt from the top casting. See FIG. 1.



2. Take the top casting carefully out of the main support arm. Gently rest main arm against the coach to avoid damage to the sidewall. Slowly let the torsion spring unwind completely. Repeat for the opposite side.
3. Using a 3/16" drill bit, drill out the two pop rivets in the end caps. Slide entire torsion assembly out of the roller tube. Remove rivet bodies from the roller tube.

For Sunscreen Models:

Note: Only the right torsion assembly requires replacement on the Sunscreen models.

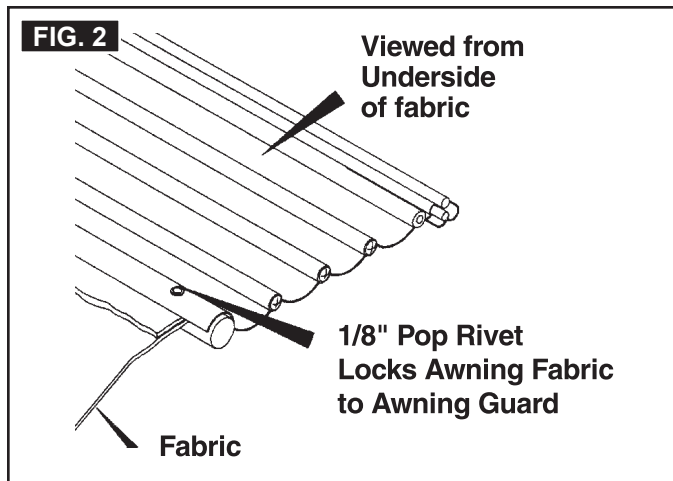
1. With locking pliers, grasp top casting on right end of awning.
2. Remove 1/4-20 x 3/4 truss hd. bolt that secures right top casting to mounting bracket.
3. Carefully pull right top casting away from mounting bracket, and slowly allow the torsion spring to unwind completely.
4. Using a 3/16" drill bit, drill out the two pop rivets in the end caps. Remove the torsion assembly from the roller tube. Remove rivet bodies from the roller tube.

C. Removal Of Fabric From Roller Tube

For All Models Listed:

1. Remove both torsions. See Section "B".
2. Roll the awning out completely on a clean, smooth surface.
3. With the awning fabric laying flat, slide the roller tube out from the fabric.

Note: When removing the fabric from the Deluxe w/ slats and Elite model awnings, it is necessary to remove the 1/8" pop rivets from both ends of the aluminum guard. Once the rivets are removed, you can slide the fabric out of the guard. See FIG. 2.



D. Installing Fabric On Roller Tube

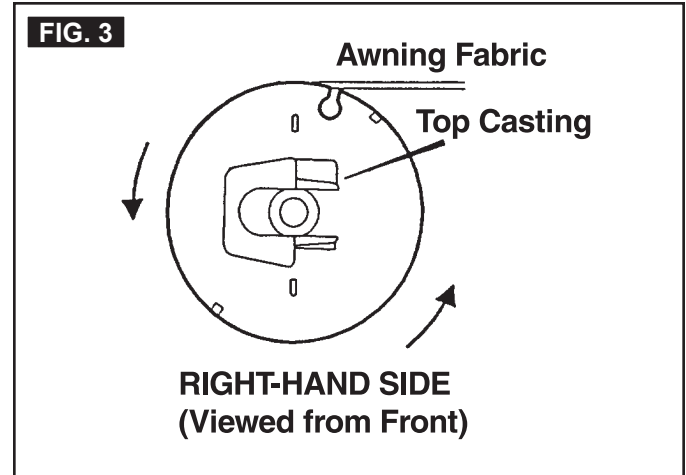
For All Models Listed:

1. Unfold the new fabric and lay it on top of the existing fabric in the same position. Be sure the new fabric is the correct size and color. If roller tube is being replaced, make sure it is the correct length, then position it the same as original.
2. Guide the roller tube over the poly rope(s) of the new fabric. Be careful not to damage the roller tube or the fabric.
3. Cut the poly rope(s) on the new fabric even with the ends of the roller tube. When replacing the fabric on the Deluxe w/ Slats and Elite model awnings, slide the aluminum shield on the poly rope of the new fabric. Secure the fabric in the aluminum guard with a 1/8" pop rivet at each end.

Note: When changing the fabric, it is vital that the same groove(s) are used. This eliminates the need to drill new holes.

4. Center the fabric on the roller tube, and hand roll the entire assembly in the same direction as the original fabric. See FIG. 3.

Note: When installing fabric on the Deluxe w/ Slats and Elite model awnings, it is necessary to slide the new fabric into the aluminum guard and re-secure with 1/8" pop rivets at each end.



E. Replacing Torsion Assemblies

For All Models Listed:

1. Reinstall the torsion assembly in the roller tube. Align the rivet slots on the end cap rivet holes in the roller tube.

Note: If the roller tube is new, rivet holes will need to be drilled.

2. Secure end caps with 3/16" pop rivets.

F. Winding Torsion Assembly

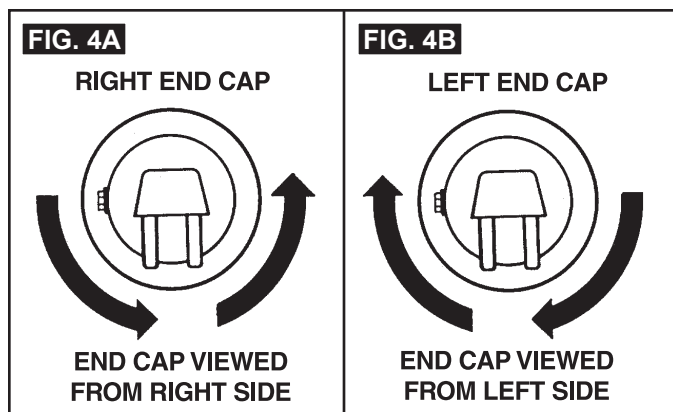
⚠ WARNING

IMPACT OR PINCH HAZARD. Use extreme care when winding the top casting. If not controlled, rapid casting spin off will occur. Spring tension will attempt to spin the top casting and/or fabric roller tube quickly and unexpectedly. Failure to obey this warning could result in death, serious injury, or property damage.

For All Models Listed:

1. When facing the awning, the top casting on the right is to be turned counter-clockwise. See FIG. 4A.
The top casting on the left is to be turned clockwise. See FIG. 4B.

Note: For Sunscreen models, use FIG. 4A ONLY.



2. Turn the top casting as specified, and carefully insert it back into the main support arm. Then secure with a 1/4-20 x 3/4" PHP (truss hd.) bolt. Repeat for other side. See Section "G" (winding chart) for proper number of turns.

G. Winding Chart

For Deluxe Plus, Deluxe w/ Slats, Elite And Grandview Models:

Size:	156" - 192"	144"	132"	120"	108"	96"	90"
Turns:	16	14				13	

Size:	84"	72"	66"	60"	58"	54"	48" and less
Turns:	12			11	10		9

For Sunscreen Models:

Size:	72"	66"	60"	58"	54"	48"	42"	36"	30"
Turns:	2								

NOTICE

Do not put more than four turns of preload torsion on spring. Otherwise, damage to torsion spring may occur when sunscreen is pulled down.

Note: An additional two turns may be added (for a total of four turns) if the fabric does not return fully when retracting.

H. Install On Coach

1. Slide fabric/aluminum guard back into awning rail, and secure with TEK screws.