

**STORM DOOR GENERAL CARE & MAINTENANCE****VENTILATING**

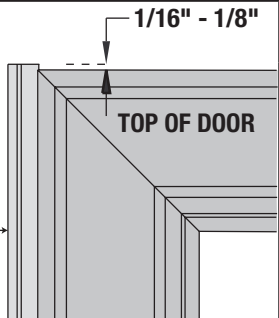
Glass	Wash using household glass cleaner or a warm water/mild detergent mixture and a soft cloth or paper towel. A solution of four parts water/one part vinegar may also be used.
Door Finish	<p>For general cleaning use the following:</p> <ul style="list-style-type: none">• Liquid soap and water solution• Formula 409®, Windex®, Fantastik®, Simple Green® or similar product <p>Always follow manufacturer's directions. Using a soft, clean cloth, apply the cleaner and clean only a small portion of the surface. After cleaning, rinse the surface completely. Never use acetone or products containing esters, ethers, ketones, aromatic and chlorinated hydrocarbons.</p>
Hinges and Hardware	Hinges and door hardware may require occasional lubrication. A silicone spray lubricant or Lithium-based oil is recommended.
Brass/Nickel Expanders	Wash expander using a warm water/mild detergent mixture and a soft cloth. Do not use a brass cleaner or steel wool.
Brass Finish Products	A number of storm door models incorporate high quality brass component parts. As with all brass products, tarnishing will occur. Without proper care, brass can become stained so heavily that cleaning cannot totally remove the stain. In extreme cases of neglect, pitting can occur.
Brass Locksets Brass Deadbolts	<p>Cleaning</p> <ol style="list-style-type: none">1. Wash brass hardware using a warm water/mild detergent mixture and a soft cloth. Do not use abrasive cleaners or cloths as they may damage the clear coat finish.2. Apply non-abrasive paste wax on the brass hardware to help protect its bright finish. <p>Refinishing (if clear coat is damaged and tarnish has occurred)</p> <ol style="list-style-type: none">1. Remove the tarnished hardware from the door.2. Remove damaged clear coat. This can be done by using a paint stripper or by lightly rubbing the hardware using #0000 steel wool. Follow the manufacturer's instructions when using a stripper. Note: If refinishing keyed hardware, cover the key opening with masking tape to keep out stripper or steel wool particles.3. Once the clear coat is removed, continue to lightly rub with #0000 steel wool over tarnished areas until the bright brass finish returns.4. Clean the brass using a brass cleaner (i.e. Brasso®, Tarni-Shield®) per the manufacturer's instructions.5. Apply a new clear coat finish. For best results, a clear lacquer spray is recommended. The lacquer can be purchased at most hardware stores and should be applied per the manufacturer's instructions. Note: If refinishing keyed hardware, cover the key opening with masking tape when applying the lacquer finish.6. Reinstall the hardware on the door.

Questions?**Call the Homeowner Helpline: 1-800-352-3360****www.LARSONdoors.com**

TROUBLESHOOTING GUIDE

SYMPTOM	POSSIBLE CAUSE	SOLUTION
General		
Door leaking	Water getting behind door	Caulk behind and around drip cap.
	Draining holes blocked	Inspect/clean drainage holes located on outside of door below window.
Door not closing properly	Unpainted portion of closer rod extended too far or not far enough	Adjust door bracket to allow only 1/16" or less of the unpainted portion of the closer rod to show.
	Storm door closer speed improperly adjusted	Review instruction sheet for proper closer installation. Adjust screws for more or less speed. Adjust door bracket for more or less power. NOTE: On two closer door models, adjust each closer individually (with the other closer disconnected from the door) If more latch force is desired, the jamb bracket may be moved up to 1" away from the door.
	Mortise latch not lined up with strike plate.	Align latch and strike plate.
	Air pressure between prime and storm door	Raise expander or leave window open to allow air to escape.
	Hinge rail screws may be too tight	Loosen hinge rail screws (1/4 turn) to relax tension.
	Door opening out of square	Shim behind the latch or hinge rail to square up opening.
	Expander dragging on threshold	Raise expander so that sweeps only touch top of threshold.
	Hinge rail is bent or hinge is broken	Replace. Visit www.LARSONdoors.com or call 1-888-483-3768.
Door will not open to 90 degrees	Closer not mounted correctly	Review closer instructions for proper closer installation. Door bracket may need to be moved closer to hinge side.
Heat build up	Air is not circulating enough	Raise expander or leave window open to allow air to circulate.
Condensation	Warm air being trapped between storm door and primary door	Possible leak around prime door. Check prime door seals and replace if necessary.
		Use a dehumidifier.
		Vent storm door (retract glass or raise expander).
Surface of storm door is dirty	Manufacturing dust or sealant (glue) on surface of door	DuraTech® Models: Goof Off® Heavy Duty is recommended. Apply in moderate amounts using a soft cloth. After cleaning, wipe down with soap and water. Aluminum surface models: Use SoftScrub® or mild cleaner to clean surface.
Surface of storm door is cracking or peeling	Weather seal damage may have occurred	Visit www.LARSONdoors.com or call 1-888-483-3768.

Hinge Rail

Drip cap interferes with door closing	Hinge rail not positioned correctly or Factory installed pilot hole not in proper location or missing	Make sure hinge rail overlaps the top of the door by 1/16" to 1/8". Once you have the hinge rail properly placed (1/16" to 1/8" overlap above top of door) mark, pre-drill hinge screws and attach to door as instructed in instructions.	
Excess gap between door and drip cap			

Latch Rail

Door closes up against the latch side z-bar at the top or bottom but the other end or middle does not touch	Opening is not plumb	Shim behind the latch or hinge rail to plumb up opening.
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SYMPTOM	POSSIBLE CAUSE	SOLUTION
Hardware		
Brass finish is tarnishing (solid brass handles only)	Clear coat finish wearing	Remove any remaining coating and then use brass cleaning product or refer to General Care and Maintenance.
Push button sticks	Handle screws may be too tight	Loosen handle screws.
	Spindle hole too small	Enlarge hole. Refer to template.
	Spring behind push button may be reversed. The narrow end may slip in the hole on the door and not function properly	Make sure spring behind push button has the wide end against the door's surface.
	Spindle may not be in center of push button.	Verify spindle is in center of push button.
Deadbolt will not work or is stuck in the lock position	Deadbolt is hitting edge of latch rail	Might be necessary to chisel out clearance in brick mold to freely accept the lock. Minimum depth of 3/4" is required.
	Deadbolt is binding against the brick mold frame	

Multi-Vent® Models (full screen and two glass inserts)

There is a gap at the top of the window opening and air or light is coming through	Ensure screen is in the door	For the best seal, both glass inserts and screen insert must be in the door.
	The glass inserts are reversed	Bottom glass is the wider of the two glass inserts. Install it in the inside track. Top glass is smaller and should be in the track closest to the screen.
Unable to lower top glass	Need to raise the lower glass up first	Move the bottom glass all the way up first and then you can get to finger pulls on bottom of top glass
Glass inserts are loose and rattling	Ensure screen is in the door.	To seal, both glass inserts and screen insert must be in the door.
Water leakage	Glass inserts may be reversed	Bottom glass is the wider of the two glass inserts. Install it in the inside track. Top glass is smaller and should be in the track closest to the screen.
	Weep holes may be plugged	Inspect and clean the weep holes, which are located on the outside of door, just below the window area

Self-Storing Models (half screen and two glass inserts)

Can I move screen to top?	Most self-storing models are bottom vent only	Screen or glass may be permanently installed into door frame.
Screen is cut or torn		Replace. Visit www.LARSONdoors.com or call 1-888-483-3768.
Need to clean operating glass	Remove from door	Squeeze finger pulls together, raise bottom up and then tilt out.
Water leakage	Weep holes may be plugged	Inspect and clean the weep holes, which are located on the outside of door, just below the window area

Storm doors are not 100% waterproof. They are designed to protect the prime door by slowing the elements. The prime door is the primary seal for the opening.

WARRANTY DETAIL

Applies to original purchaser of door only; covers manufacturer's defects only.

Heavy Duty Aluminum	Lifetime Warranty
Solid Core DuraTech® and Aluminum Clad	10 Warranty
Solid Core Vinyl Clad	5 Warranty

DOOR FRAME AND HINGES: LARSON® warrants the door frame and mounting rails to be free from defects in manufacturing, materials, paint adhesion, or workmanship, under normal use, for the period stated above.

COMPONENTS: LARSON® warrants the components of the door including hardware, window sash, screen frame, retainer strips, closers, locksets (mechanical operation and finish), to be free from defects in manufacturing, materials, tarnishing and workmanship for a period of one year from the date of original retail purchase.

In the event a component fails as a result of a defect in manufacturing, materials or workmanship within the limited warranty period specified above, and upon written proof of purchase, LARSON®, at its option, will provide a replacement component as long as the original consumer purchaser owns the home in which the door was initially installed. Installation is not included.

Warranty claims made one (1) year after purchase are subject to a shipping and processing fee.

STORM DOOR WARRANTY LIMITATIONS:

- Warranty only applies to original homeowners of owner-occupied residential properties and covers manufacturer's defects.
- Modification of door will void warranty.
- Damage or breakage to the screen/glass insert is not covered under warranty.
- Acts of nature including wind damage and flooding are not covered under warranty.
- Damages resulting from improper installation or misuse are not covered under the warranty.
- Labor cost, reinstallation fees are not covered under warranty.
- Water damage due to lack of rain diversion or structural overhang is not covered under warranty.
- Certain coastal applications, chemicals or airborne pollutants such as salt or acid rain are not covered under warranty.
- Your exclusive remedy is limited to the repair and replacement of the defective product.

Warranty Replacements:

Call the Homeowner Helpline: 1-800-352-3360

www.LARSONdoors.com

Visit our website or call for detailed warranty information related to your model. Proof of purchase is required to obtain warranty replacements. When placing the call, please have the registration number available (located on hinge-side of door).