

LOWE'S

NEVER STOP  
IMPROVING

*FrenchPorte*<sup>®</sup>

Overhead *French* Garage Doors



## FrenchPorte<sup>®</sup> Sales Binder



THE JENNIFER<sup>®</sup> STYLE, 2 SINGLE GARAGE DOORS

*You'll see the difference.*



Strength ♦ Safety ♦ Security

That's the beauty of FrenchPorte<sup>®</sup>

WWW.FRENCHPORTE.COM

V1 Spring'12



## Color Tab Key Guide

**Yellow Section 1** .....Basic Information and Title Page

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**Red Section 3** .....Lowe's Order Process and Forms

**Violet Section 4** .....About FrenchPorte<sup>®</sup>

**Purple Section 5** .....Warnings/Installation/Care and Maintenance

**Blue Section 6** .....FrenchPorte<sup>®</sup> Architectural Renderings



# FrenchPorte®

Overhead *French Style* Garage Doors

## FrenchPorte® Service Center Direct:

### **Kenneth Maher: President & CEO (24/7)**

Toll Free Telephone: 1-866-545-5744  
Direct Cell: 1-301-536-3847  
Direct Fax: 1-240-396-6038  
E-mail: [Kmaher@Frenchporte.com](mailto:Kmaher@Frenchporte.com)

### **John Dillon (24/7)**

Sales Requests	Technical Support
Marketing Inquiries	Installation Inquiries
Order Placement	Hardware Requests
Delivery Particulars	

Toll Free Telephone: 1-866-545-5744  
Direct Cell: 1-708-860-9165  
Direct Fax: 1-240-396-6038  
E-mail: [Jdillon@Frenchporte.com](mailto:Jdillon@Frenchporte.com)

### **Addresses**

#### *Mailing*

Attention: FrenchPorte® LLC  
4015 Oliver St.  
Chevy Chase, MD 20815

#### *Shipping*

Attention: FrenchPorte® LLC  
2930 Washington Blvd.  
Baltimore, MD 21230

### **Installation Video Guide:**



[www.youtube.com](http://www.youtube.com)

Search: "FrenchPorte® Installation Guide"

Website: [www.FrenchPorte.com](http://www.FrenchPorte.com)

*Strength ♦ Safety ♦ Security*  
*That's the beauty of FrenchPorte®*

WWW.FRENCHPORTE.COM



## Overhead *French Style* Garage Doors

### **Basic Program**

- FrenchPorte® LLC is classified as a Special Order Sales Vendor
- All FrenchPorte® products sold at Lowe's locations will be professionally installed by certified Lowe's Professionals
- FrenchPorte® will be utilizing the Type 1 Installation Program
- Upon the sale of a FrenchPorte® Product to a Lowe's customer, the Lowe's sales associate will submit the order via Fax to FrenchPorte® LLC. FrenchPorte® will process the order and send a Confirmation Form back to the Lowe's sales associate. Once the FrenchPorte® confirmation is received, the Lowe's associate will contact the customer to schedule installation based on the availability of the certified Lowe's Professionals.
- Upon scheduling the installation, payment for the product and associated installation should be collected from the customer by the Lowe's sales associate.
- Garage door openers sold by Lowe's may be installed with the FrenchPorte® Door for an additional fee. The customer should purchase the opener at the time of door purchase and take it home. The certified Lowe's Professionals will install the opener at the time of door installation.

### **Basic Certified Lowe's Professional Responsibilities**

- Pre-Installation Site Check.
- Delivery of new door.
- Removal of old door.
- Installation of new door.
- Installation of perimeter weather seal.
- Disconnection/Reconnection of Operator (If Applicable).
- Application of operator reinforcement kit (If Applicable).
- Overall job site clean up and removal of trash and/or excess components.





### Glossary of Garage Door Terminology

- **Astragal/ Bottom Seal:** Another word for the weather stripping affixed to the bottom section of a garage door. When the garage door is closed, the astragal helps seal the door against the floor.
- **Faux French Handles:** Refer to the handles utilized on all FrenchPorte® models. These handles are only put in place for aesthetic value. *They are not functional handles.* These handles are available in Brass, Bronze, Nickel and Black applications and may be customized at the customer's request.
- **Garage Door Sections:** Garage doors are designed to break or separate in specific places as the door rises or falls along the track. The breaking points are caused by sections that are attached together using hinges. Most residential garage doors have either four or five sections depending on the size of the door.
- **Glazing:** A building term referring to windows or glass.
- **Headroom:** Refers to the unobstructed area above the garage opening on the inside of the garage. All FrenchPorte® doors require a minimum of 15' of headroom for installation with standard hardware. The headroom will be the measurement from the top of the garage door opening to the ceiling.
- **Insulation:** FrenchPorte® doors can be insulated via the application of either polyurethane or polystyrene foam. Insulation helps reduce energy costs and provides quieter garage door movement. To add additional insulation to our window panes, FrenchPorte® also offers a variety of tempered glass options.
- **Insulated Tempered Glass:** This glass is a heavier option available on all FrenchPorte® garage doors. For a set charge, this glass can be applied to add to the insulation factor of the FrenchPorte® door. This option comes in the form of a double-paned insulated glass, glazed and tempered to prevent shattering or breakage. Each pane is individually sealed and secured.
- **Jamb:** The upright framing on either side of the door. 2"x6" lumber is recommended for both the jambs and header.
- **Keyed Lock:** A device that can be operated from outside of the garage by the use of a key to lock or unlock a FrenchPorte® Pass-Thru door.
- **Low Headroom Track:** A specially designed track used in garages where headroom is less than 15" but greater than 6.5".
- **Perimeter Weather Seal:** Refers to the vinyl trim molding. Weather stripping that is attached to the exterior of the garage door opening that helps to seal the edges of the door and the rough opening.



## Overhead *French Style* Garage Doors

- **Polycarbonate:** Any of a class of strong transparent thermoplastic resins used in molding materials, laminates, etc. All standard FrenchPorte® models utilize the application of polycarbonate as the window panes.
- **Powder Coating:** In the powder coating process, a powder paint is applied by lowering the part into a fluidized bed of the powder which may or may not be electrostatically charged. Then the part is placed in an oven and cooked until the powder particles melt and coalesce, to form a continuous reinforced film.
- **Site Check/ Detail:** Once an Installed Order is placed by Lowe's, the installing company sets an appointment with the homeowner. The installing company will inspect the garage, professionally ensure that the proper size door was stipulated by the customer, and make a note of any additional concerns; need for the application of low headroom track, extra weather stripping etc.
- **Slide Lock:** A device attached to the inside of a garage door that locks the door by sliding the bar into the track thereby preventing the door from being lifted up. This function is only accessible from the inside of the garage.
- **Springs:** FrenchPorte® encourages the application of torsion springs with any and all FrenchPorte® models. Torsion springs are attached above the garage door around a torsion bar. The torsion bar is connected to the door via a drum and cable mechanism. The torsion springs, when properly wound, actually turn the torsion bar as the door is raised or lowered. *FrenchPorte® recommends that torsion springs be installed, removed or repaired only by an experienced garage door technician or professional.*



## Overhead French Style Garage Doors

### Measuring For Your Garage Door

Date: \_\_\_\_\_

Job Name: \_\_\_\_\_

PO#: \_\_\_\_\_

Door Model: \_\_\_\_\_

Door Options: \_\_\_\_\_

**Step 1:** Measure the width of the garage opening at the widest point. This is the total distance between the left and right sides of the garage opening. The inside of the garage door should be framed with 2"x6" (5.1cmx15.2cm) wood jambs. Be sure to notice general irregularities; jambs not square, warping, rotting.

**Step 2:** Measure the height of the garage opening at the highest point. This is the distance between the floor and the top of the finished opening. Be sure to notice general irregularities; uneven or damaged concrete.

**Step 3:** Measure the width of the areas beside the garage opening. 4" is required on each side for installation of vertical track. If this is a two door installation, center post needs to be a minimum of 8" wide.

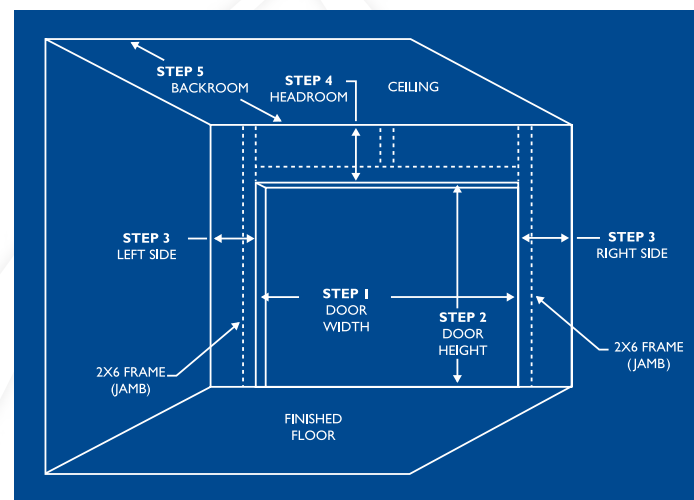
**Step 4:** Measure the area between the top of the garage door opening and the ceiling. FrenchPorte® doors require a minimum of 15" of headroom for the garage door installation. Add an additional 3' for an opener. Installations with less than the above measurements will require specialty hardware.

**Step 5:** Measure the distance from the opening of the garage to the rear of the garage or to the nearest obstruction. The door height plus an additional 18' of back room is required for any FrenchPorte® door installation or an addition 4'2" plus door height if installing an automatic opener.

#### Additional Noteworthy Items

- Verify electrical outlet for automatic door opener use.
- Take note of any lights or stairs in the way.
- Verify that all wood jambs are in good condition and that the header is stable.
- Verify the level of the floor. Was the previous door a custom fit?
- Note any pipes, duct work, etc. above the door that may affect the door's operation.
- Note if an existing one-piece door must be removed. Additional labor charges may be applicable.

#### Notes:





# FrenchPorte®

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## Overhead French Style Garage Doors

### Lowe's FrenchPorte® Product Offerings

The FrenchPorte® garage door is a garage door style different from the rest. FrenchPorte® is the solution for all those homeowners looking to beautify their home without compromising in the Quality department. All FrenchPorte® garage doors are constructed of the finest materials. FrenchPorte® utilizes the strongest available aluminum and reinforced polycarbonate sheets in the construction of our doors. These doors are virtually unbreakable and have a high privacy rating. The maintenance free design will provide a long life without rusting, warping or rotting.

FrenchPorte® garage doors are designed to complement the home with the beauty and distinct character of French doors. The FrenchPorte® garage door functions just like any conventional garage door. The door is divided into several horizontal sections which are then hinged together, allowing the door to move up and down. FrenchPorte® doors also use the same hardware and tracks as the conventional, sectional garage door so no special applications are necessary.

The FrenchPorte® Family is made up of four separate French door styles. Each style is as unique as its application. The four styles are outlined below.

**The Jennifer® Style:** This style is designed to look like a single set of elegant French doors. Each panel has three panes across and a minimum of four panes down.

**The Kendra® Style:** This style is designed to look like two elegant sets of French doors. Each panel has two panes across and a minimum of four panes down.

**The Madeleine® Style:** This style is designed to look like a stationary door in the center, with two operating doors, one on either side. Each panel has three panes across and a minimum of four panes down.

**The Christina Style:** This style, our most recent, is designed to resemble two sets of elegant French doors, with a streamlined look and less grillwork. Each panel has one pane across, and a minimum of four panes down. The Christina is beautiful on a traditional home, and also pairs perfectly on a modern home with contemporary flair.

*\*The Walk-Thru* option is available in all FrenchPorte® styles. It allows for convenient garage access without utilizing the overhead capabilities of the garage door.

*\*The Raised Panel* option is also available in all FrenchPorte® styles. This option incorporates a solid base for the door with standard FrenchPorte® panes making up the top of the door. For doors that are 7ft high, one section will be solid with panes acting as the top sections. For doors that are 8ft high or larger, two sections will be solid with panes acting as the top sections. See catalog for details.





### Lowes Installed Sales Order Flow Chart

1. The customer purchases the FrenchPorte® product & Installation on location at Lowe's.
2. Lowe's sales associate receives order confirmation from customer, signs off on it and sends the order to the Lowe's Installed Sales Dept.
3. Installed Sales Dept. designates a certified Lowe's Professional to the given job.
4. The designated, certified, Lowe's Professional contacts customer within 24 hours to confirm order, confirm customer's address, schedule site check and tentatively schedule final installation.
5. Certified Lowe's Professional completes site check within one (1) business day of Lowe's customer confirming order. Final Order is faxed from Lowe's to FrenchPorte® LLC.
6. FrenchPorte® will receive order and send confirmation fax to Lowe's associate with scheduled delivery date and other applicable information.
7. FrenchPorte® will follow up with a phone call within 1 hour of fax transmission to confirm receipt of fax and to address the associate's questions and concerns.
8. Certified Lowe's Professional communicates the Final installation date to Lowe's Installed Sales Dept. and to FrenchPorte® LLC via fax.
9. FrenchPorte® LLC will deliver the order to the attention of the Lowe's Receiving Dept. at the purchasing Lowe's store. (Delivery to take place on day stated in FrenchPorte® Order Confirmation Form).
10. Lowe's Receiving Dept. signs off on receipt of the order from FrenchPorte® LLC.
11. The certified Lowe's Professional assigned to the particular job will pick up the order and install all necessary or requested components on the day previously agreed upon with the customer. (Customer to be present during installation in order to sign certificate of completion).
12. Certified Lowe's Professional to leave copy of certificate of completion with Lowe's Installed Sales Dept. and fax certificate of completion to FrenchPorte® LLC.



## Overhead French Style Garage Doors

### ORDER FORM

#### STEP 1: STORE INFORMATION

Ship to address: \_\_\_\_\_

Order In Date: \_\_\_\_\_ Delivery Date: \_\_\_\_\_ Store #: \_\_\_\_\_

Store Phone #: \_\_\_\_\_ Sales Associate: \_\_\_\_\_ Store Fax #: \_\_\_\_\_

#### STEP 2: CUSTOMER INFORMATION

Customer Name: \_\_\_\_\_

Street Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Home Tel: \_\_\_\_\_ Work Tel: \_\_\_\_\_ Alternate Tel: \_\_\_\_\_

#### STEP 3: GENERAL ORDER INFORMATION

Purchase Type Install (Check One):  Installation by Lowe's professional  Installation by other professional

Material PO#: \_\_\_\_\_ Labor PO#: \_\_\_\_\_

Installation Type (Check One):  Replacement  New Construction

Barcode Number: \_\_\_\_\_

#### STEP 4: SPECIFIC DOOR INFORMATION

Quantity: \_\_\_\_\_ Size: \_\_\_\_\_ X \_\_\_\_\_ Style (Check One):  JENNIFER®  KENDRA®  MADELEINE®  CHRISTINA®

Pane Type (Check One):  1/8" Polycarbonate  Insulated Tempered Glass

Pane Style (Check One):  Clear  Frosted  Tinted  Black

Handle Options (Check One):  Brass  Bronze  Black  Silver\Nickel

Number of Handles:  1 Pair  2 Pair  3 Pair  4 Pair

Structural Modifications:  Walk-Thru  Raised Panel 7ft Wide  Raised Panel 8ft Wide

Color Number (www.Ralcolor.com) : \_\_\_\_\_

Quantity: \_\_\_\_\_ Size: \_\_\_\_\_ X \_\_\_\_\_ Style (Check One):  JENNIFER®  KENDRA®  MADELEINE®  CHRISTINA®

Pane Type (Check One):  1/8" Polycarbonate  Insulated Tempered Glass

Pane Style (Check One):  Clear  Frosted  Tinted  Black

Handle Options (Check One):  Brass  Bronze  Black  Silver\Nickel

Number of Handles:  1 Pair  2 Pair  3 Pair  4 Pair

Structural Modifications:  Walk-Thru  Raised Panel 7ft Wide  Raised Panel 8ft Wide

Color Number (www.Ralcolor.com) : \_\_\_\_\_

Track Type:  Low Headroom 3" or 6" LHR  Standard 12" or 15"  High Lift Head Room \_\_\_\_\_

Weather Stripping Garage Door Operator Qty. \_\_\_\_\_ Garage Door Operator Model \_\_\_\_\_



## Overhead French Style Garage Doors

### Pricing Particulars

\* All FrenchPorte® Pricing is done by the square foot. All FrenchPorte® models are priced at \$28.00 per sq. ft. before upgrades and extras.

### FrenchPorte® Pricing Breakdown

#### Standard Door Sizes and Prices (Any Style)

■ 8x7	\$ _____	X _____	= _____
■ 8x8	\$ _____	X _____	= _____
■ 9x7	\$ _____	X _____	= _____
■ 9x8	\$ _____	X _____	= _____
■ 10x7	\$ _____	X _____	= _____
■ 10x8	\$ _____	X _____	= _____
■ 12x7	\$ _____	X _____	= _____
■ 12x8	\$ _____	X _____	= _____
■ 14x7	\$ _____	X _____	= _____
■ 14x8	\$ _____	X _____	= _____
■ 16x7	\$ _____	X _____	= _____
■ 16x8	\$ _____	X _____	= _____
■ 18x7	\$ _____	X _____	= _____
■ 18x8	\$ _____	X _____	= _____
■ _____ x _____ *	\$ _____	X _____	= _____
■ _____ x _____ *	\$ _____	X _____	= _____

Door Total: \$ \_\_\_\_\_

\*Note: Nonstandard (sizes not listed above) FrenchPorte® Doors will add \$200.00 to order total.

#### Upgrade Options and Pricing (Any Style)

Walk-Thru Option	\$ _____	X _____	= _____
Raised Panel Option	\$ _____	X _____	= _____

#### Available Pane Upgrades

■ Tempered Glass Window Panes (Up to 9ft wide)	\$ _____	X _____	= _____
■ Tempered Glass Window Panes (9ft-18ft wide)	\$ _____	X _____	= _____

#### Paint Upgrades

■ Specialty Paint Color (Up to 9 ft. wide)	\$ _____	X _____	= _____
■ Specialty Paint Color (9ft-18ft wide)	\$ _____	X _____	= _____

#### Track Upgrades

■ Low Headroom Tracks	\$ _____	X _____	= _____
■ High Lift Tracks	\$ _____	X _____	= _____

TOTAL \$ \_\_\_\_\_

Customer Signature \_\_\_\_\_

Lowe's Associate Signature \_\_\_\_\_



## Overhead French Style Garage Doors

### Example Lowe's Material Cost Worksheet

Lowe's Store Number: \_\_\_\_\_

Lowe's Store Address: \_\_\_\_\_

Lowe's Store Phone #: \_\_\_\_\_ Lowe's Store Contact: \_\_\_\_\_

Vendor Name: FrenchPorte® Garage Doors

Vendor # 38009

FrenchPorte® Contact: John Dillon

FrenchPorte® Contact #: (708) 860-9165

Customer Name: \_\_\_\_\_

Customer Phone: \_\_\_\_\_

Customer Address: \_\_\_\_\_

Lowe's PO #: \_\_\_\_\_

Lowe's Invoice #: \_\_\_\_\_

Delivery Date: \_\_\_\_\_

QTY	ITEM #	ITEM DESCRIPTION	BIN	VEND PART	COST	EXT COST
-----	--------	------------------	-----	-----------	------	----------

■	_____	_____	_____	_____	_____	_____
■	_____	_____	_____	_____	_____	_____
■	_____	_____	_____	_____	_____	_____
■	_____	_____	_____	_____	_____	_____
■	_____	_____	_____	_____	_____	_____
■	_____	_____	_____	_____	_____	_____
■	_____	_____	_____	_____	_____	_____
■	_____	_____	_____	_____	_____	_____

Notes: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Freight: \$ \_\_\_\_\_

Total: \$ \_\_\_\_\_





## Overhead French Style Garage Doors

### Lowes Received Order Confirmation

Date: \_\_\_\_\_ Lowe's Store #: \_\_\_\_\_ Lowe's Store Associate: \_\_\_\_\_

Lowe's Address: \_\_\_\_\_

\_\_\_\_\_

Lowe's Fax Number: \_\_\_\_\_

Material PO# \_\_\_\_\_ for customer, \_\_\_\_\_ has been received and is currently being processed. We estimate a delivery on or before, \_\_\_\_\_. Unless otherwise specified, the order will be delivered to the address above.

### FrenchPorte® Service Center Direct

Toll Free Telephone: 1-866-545-5744  
Direct Cell: 708-860-9165  
Direct Fax: 1-240-396-6038  
E-mail: [info@Frenchporte.com](mailto:info@Frenchporte.com)

*Thank You for Your FrenchPorte® Order!*



## Overhead French Style Garage Doors

### **Lowe's Order On Hold Notification** **Please Address ASAP**

Date: \_\_\_\_\_ Lowe's Store #: \_\_\_\_\_ Lowe's Store Associate: \_\_\_\_\_

Lowe's Address: \_\_\_\_\_

Lowe's Fax Number: \_\_\_\_\_

Material PO# \_\_\_\_\_, for customer \_\_\_\_\_, has been placed on hold due to incomplete information. Please correct the items listed below and refax your corrected order form and worksheet to FrenchPorte® with any questions or concerns. Orders cannot be processed without correct pricing per Lowe's corporate office.

- Did not receive completed Lowe's Order form
- Did not receive Lowe's Worksheet
- Incorrect cost amount on materials worksheet
- Homeowner information is missing or illegible
- Color is missing
- Model Number/Name missing
- Door size is missing or illegible
- Pane Option is missing
- Type (Installation related issue)
- Track particulars are missing
- Handle color has not been selected
- Other: \_\_\_\_\_
- Other: \_\_\_\_\_

### **FrenchPorte® Service Center Direct**

Toll Free Telephone:  
Direct Cell:  
Direct Fax:  
E-mail:

1-866-545-5744  
708-860-9165  
1-240-396-6038  
[info@Frenchporte.com](mailto:info@Frenchporte.com)



## Overhead French Style Garage Doors

### Lowes Certificate of Completion

To: FrenchPorte® LLC  
(F) 240 396 6038

Date: \_\_\_\_\_ Lowes Store #: \_\_\_\_\_ Lowes Store Associate: \_\_\_\_\_

Lowes Address: \_\_\_\_\_

Lowes Fax Number: \_\_\_\_\_

Customer Name: \_\_\_\_\_ Completion Date: \_\_\_\_\_

Material PO # \_\_\_\_\_, for customer, \_\_\_\_\_  
, has been successfully installed. The signed Certificate of Completion is attached.

### FrenchPorte® Service Center Direct

Toll Free Telephone:	1-866-545-5744
Direct Cell:	708-860-9165
Direct Fax:	1-240-396-6038
E-mail:	<a href="mailto:info@Frenchporte.com">info@Frenchporte.com</a>



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**BEFORE**

## *The Jennifer*<sup>®</sup> Style



**AFTER**

THE JENNIFER<sup>®</sup> STYLE 2 SINGLE GARAGE DOORS

*The Jennifer*<sup>®</sup> Style is designed to look like a single set of elegant French doors. Each panel has three panes across and a minimum of four panes down.





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## *The Kendra*<sup>®</sup> Style



THE KENDRA<sup>®</sup> STYLE 2 SINGLE GARAGE DOORS

*The Kendra*<sup>®</sup> Style is designed to look like two sets of elegant French doors. Each panel has two panes across and a minimum of four panes down.



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## *The Madeleine*<sup>®</sup> Style



*The Madeleine*<sup>®</sup> Style is designed to look like a stationary door in the center, with two operating doors, one on either side. Each panel has three panes across and a minimum of four panes down.





# FrenchPorte®

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## Overhead French Style Garage Doors



### *The Christina Style*



*The Christina Style*, our newest style, is designed to resemble two sets of elegant French doors, with less grill work and a streamlined look. Each panel has one pane across, and a minimum of four panes down. *The Christina Style* is beautiful on a traditional home, and also pairs perfectly on a modern home with contemporary flair.



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Overhead *French Style* Garage Doors



## *Walk-Thru Option*

- Convenient access
- Quick entry
- Energy saving
- Heat conserving
- Available in all styles







### FrenchPorte® Options

#### STANDARD OPTIONS:

- Track sizes: 12", 15"
- White Powder Coated Aluminum
- Handles:
  - ▶ Brass
  - ▶ Bronze
  - ▶ Nickel
  - ▶ Black
- Polycarbonate Panes: frosted, clear or tinted polycarbonate



*The raised panel option available in any FrenchPorte® Style*

#### CUSTOM OPTIONS:

- Tracks: high lift for high ceilings, low headroom for low ceilings
- Color Options



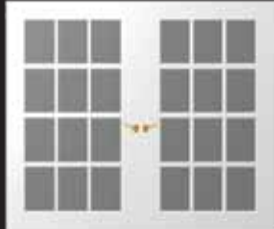
- Custom Selection Handles: available upon request
- Insulated Garage Doors
  - ▶ Insulated tempered glass panes: clear, frosted or tinted
  - ▶ Insulated extrusions
  - ▶ Standard tempered glass panes: clear, frosted or tinted
- To give your FrenchPorte® garage door a carriage house look; add a raised panel at the bottom of the door
  1. For a 7 foot door; use one raised panel as the bottom section
  2. For an 8 foot door; use two raised panels as the bottom section
- Walk-Thru option is available in any style

**For a full selection of colors visit [www.ralcolor.com](http://www.ralcolor.com)**

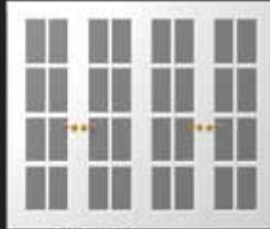


## Overhead French Style Garage Doors

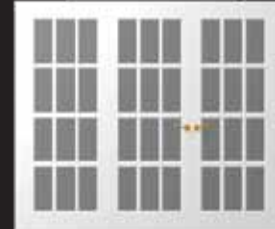
**Jennifer®**



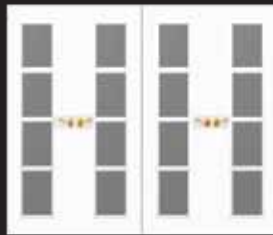
**Kendra®**



**Madeleine®**



**Christina**



**Walk-Thru Option**



### STANDARD OPTIONS

**Pane Options:**

- Clear Polycarbonate
- Frosted Polycarbonate
- Tinted Polycarbonate

**Handle Options:**

- Polished Brass
- Brushed Nickel
- Oil Rubbed Bronze
- Black

**Tracking:**

- 12"
- 15"

### CUSTOM OPTIONS

Upgraded Doors (Custom): Any non standard size or commercial selection

Pane Options: Tinted insulated tempered glass, clear tempered glass, frosted tempered glass, tinted tempered glass.

Color Options: Color Ring

Special Tracking: High Lift and Low Head Room

Insulated Extrusions

Custom Faux Handles

Raised Panel or Raised Double Panel

HANDLE OPTIONS



FrenchPorte® Garage Doors are covered by one or more United States Patents: 6,948,547; D452979; D464,142; D464,736; D464,143; D486,585; D486,241; D488,870; D488,234; D490,537; D505,495 and/or by United States and foreign patents pending.



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## Overhead French Style Garage Doors

Find us on:



Broadcast Yourself™



<http://www.youtube.com/watch?v=mQ3u2jiueto>



[http://www.youtube.com/watch?v=Ukuu\\_dk\\_FIY&feature=related](http://www.youtube.com/watch?v=Ukuu_dk_FIY&feature=related)



[http://www.youtube.com/watch?v=aEN\\_3L\\_rVWI](http://www.youtube.com/watch?v=aEN_3L_rVWI)



<http://www.youtube.com/watch?v=5ClpUb0Fzil&feature=related>



### Frequently Asked Questions

**Question:** When is it time to replace a garage door with a new one?

**Answer:** If your garage door does not operate properly, its time for some professional advice. Any garage door not working properly can be considered a potential hazard and should be addressed right away. Even though your garage system may be working perfectly, some homeowners choose to replace their garage doors strictly to enhance the curb appeal of their homes. This happens often as the garage is a large part of most home's exteriors. According to the 2010 Remodeling Cost vs. Value Report, garage door replacement is the #2 remodeling project in regards to Return on Investment. The report details the fact that replacing the garage door on a home will return 84% of the cost at the time of home sale.

**Question:** What is the best garage door for me?

**Answer:** Each homeowner has unique needs for a garage door based on the desired style, the level of care and maintenance required, the strength and security offered and even the location of the garage on the particular home. A homeowner can choose a door based on varying criteria but some basic questions should always be answered first;

1. Do I love the look of this door?
2. Is this door strong enough to last?
3. Is this door secure enough for my home?
4. Does this door fit my house?

Here at FrenchPorte®, we have tried to address each of these concerns individually. We have four patented styles that offer different looks for even the most discerning homeowner. We use only the strongest materials in our "built by hand" construction process. We have tested and retested the security features of all our doors, addressing even the smallest of issues to make the FrenchPorte® door as secure as it can possibly be.

**Question:** Are special or odd size doors available from FrenchPorte®? Could I have an unusually sized opening?

**Answer:** Yes, FrenchPorte® offers residential and commercial garage doors in any size. We can build just about anything a homeowner is looking for. If you don't see your door size available in the Lowe's catalog, don't worry, we are happy to cater to custom requests.

**Question:** My garage has a very small amount of headroom above the door, what is the minimum amount of space required for the operation of a FrenchPorte® garage door?

**Answer:** Standard headroom applications require 12" to 18" of space between the bottom of the opening header and the unobstructed ceiling. However, special tracking, catering to odd size openings and low ceilings is available by special request. Your Lowe's service technician will be able to tell you what your options are as far as special requests go. High lift and low headroom tracks are available upon request.

**Question:** Which type of spring is better, torsion or extension?

**Answer:** The two types of springs used on garage systems today are the torsion spring and the extension spring. Extension springs are attached on either side of the door and stretch along the horizontal track when the door is closed. Torsion springs are typically located just above the top section of the door and are mounted to the header. These springs are wound, and do not expand or contract when the door is moved. Torsion springs are a better choice for all FrenchPorte® models because they balance the weight of the door better than extension springs for smoother operation and safety.

**Question:** Why would I choose a FrenchPorte® door rather than a generic steel or wood door?

**Answer:** FrenchPorte® doors are constructed with the homeowner in mind. After years of research and product development, FrenchPorte® has created a product line that addresses each and every need of today's garage door buying homeowner. In all that we've done, FrenchPorte® is most proud of the fact that we have created a beautiful new style of garage door without compromising in departments outside of aesthetics. We utilize the strongest materials in the construction of our doors. We test and retest each door multiple times before the door is allowed to leave the factory. We have taken time to specifically address potential security issues as well as potential customization options. We build everything by hand, from the ground up, so we are happy to deliver a product catering to the specific needs of each individual homeowner.





## Overhead French Style Garage Doors

**Question:** Are FrenchPorte® doors available in any color other than white?

**Answer:** Yes, all of our FrenchPorte® models are available in a variety of beautiful powder coated colors. To see the color options available for your FrenchPorte® door, please see the Lowe's display or visit [www.ralcolor.com](http://www.ralcolor.com) on the web.

**Question:** What are the materials used in the construction of a FrenchPorte® Door?

**Answer:** The FrenchPorte® factories utilize only the highest grade materials when constructing our products. Our framing is constructed of the highest quality extruded aluminum on the market. The window panes on the FrenchPorte® door are either made up of reinforced 1/8" polycarbonate or insulated tempered glass. Both of these materials are shatter resistant and have been tested to perfection over and over again under the harshest conditions imaginable. Much of the confidence we have in our FrenchPorte® product line comes directly from our team's first hand experience with the materials and construction involved in bringing our doors to life.

**Question:** I see FrenchPorte® uses faux French handles to dress up the appearance of the door, are these handles available in different colors?

**Answer:** Yes, they are. Brass, nickel, bronze and black handles are available on all standard FrenchPorte® doors. Handle color is entirely up to the customer at the time of order placement. Typically, customers choose the handle color that matches the existing hardware on their homes exterior.

**Question:** Are the FrenchPorte® window panes see thru? I'm worried about privacy in my garage.

**Answer:** All FrenchPorte® models are available with a choice of window panes. We offer a selection for every application.

If privacy is a concern, the best option is the frosted polycarbonate or tempered glass. These frosted panes allow for a great deal of light to pass though the garage door illuminating the interior of the garage during the day and vice versa at night. The frosted panes allow the light in but still remain frosted enough to offer the homeowner a certain level of privacy. These panes let the light through but obstruct the line of vision into the garage. The interior contents of a homeowner's garage cannot be seen from the outside when utilizing the FrenchPorte® frosted panes.

If the homeowner is looking for a transparent option when considering glass, FrenchPorte® can cater to that too. We offer a completely clear and a tinted option in both polycarbonate and insulated tempered glass. This allows for a clear line of vision through the FrenchPorte® door. Light will illuminate the interior of the garage without obstruction and it will also be possible to see through the garage door into the garage's interior.

The insulated tempered glass option does come with an up charge and will in fact increase the overall weight of the door. However, this glass is just as strong as our polycarbonate offering and does a better job insulating the garage.

**Question:** Can the FrenchPorte® door be utilized in other applications outside of the garage?

**Answer:** Absolutely. Here at FrenchPorte®, we have seen our doors used in some of the most unique applications imaginable. Our doors have been successfully applied as room dividers, pool house entry systems, restaurant facades, boat house entry ports and even commercial greenhouses. FrenchPorte® has a style and function for everyone and every application. There are no limits when it comes to installing a FrenchPorte® door.

**Question:** How is maintenance on the FrenchPorte® door? Do I need to spend more time with the FrenchPorte® than my former generic steel model?

**Answer:** Absolutely not. Part of our mission to create the most homeowner friendly garage door possible was to limit the maintenance necessary to keep our product looking at its best. We encourage any and all FrenchPorte® owners to apply soap and water as needed throughout the year, but no special effort is required. Feel free to treat your new FrenchPorte® door just like any other window or door on the façade of your home; basic household materials are totally sufficient when maintaining the FrenchPorte® door.



## Overhead French Style Garage Doors



### Limited Lifetime Warranty Our Warranty to You

FrenchPorte®, LLC is the manufacturer of an Aluminum faux French style overhead garage doors. FrenchPorte®, LLC promises that the overhead garage door is made of the finest material available at the time of manufacturing and assembled with the best workmanship. This warranty is extended to the original purchaser/homeowner where the garage door was originally installed to be free of defects.

**To make a claim under this warranty, contact us immediately in writing or by phone at the address listed below:**

FrenchPorte®, LLC  
C/O Warranty Claims  
4015 Oliver St. • Chevy Chase, MD 20815  
Ph: 301-230-7125 • info@frenchporte.com

Please provide the following info: 1. Date & location of purchase, 2. How to contact warrantee, 3. Where the door was installed, 4. Detailed explanation of problem with pictures if possible, 5. Who did the install.

#### Upon receiving your warranty claim

A FrenchPorte® Representative will contact you concerning your warranty issue and let you know who will be out to inspect the problem. Once the inspection has been completed FrenchPorte®, LLC will contact you informing you as to how the warranty issue will be corrected if covered.

#### What this warranty covers

We warrant our door free of defects when used properly, installed properly, and maintained accordingly.

**Paint-** We warrant the original baked enamel paint will be free of defects (chip, fade, and peeling) for the period of five years. Paint peeling, chipping, and fading will not be covered due to an improper install, unusual wear and tear, limited or no maintenance, or other uncontrollable environmental factors. Example of environmental factors: Areas subject to excessive salt atmosphere. This warranty does not warrant special painted doors.

**Polycarbonate Window Panes-** We warrant the polycarbonate panes used in the manufacturing of our overhead garage door to be free of defects, which includes fading, discoloration, or cracking for a period of 5-10 years. Polycarbonate should be cleaned and maintained with water to avoid the risk of damaging. Only use polycarbonate approved cleaning products.

**Aluminum-** We warrant the aluminum used in the manufacturing of the FrenchPorte®, LLC overhead garage door for twenty years, and that it is made out of the best quality aluminum available to us. We recommend regular cleaning of your aluminum door to avoid damage caused by uncontrollable environmental factors. This warranty will not cover such dents and damages caused by foreign objects.

#### What this warranty does not cover

FrenchPorte®, LLC does not cover garage door hardware (track, spring, etc...), installation of the garage door, or the garage door opener. FrenchPorte®, LLC only warrants the garage door sections. Contact your garage door dealer for warranty issues concerning hardware and installation.

1. Over use of the garage door which caused abnormal wear and tear on the door, normal wear and tear, problems caused from misuse, abuse, failure to maintain the door, or a result caused by elements out of our control, such as a natural disaster.
2. Problems caused by additional painting or added hardware beyond the FrenchPorte®, LLC standard.
3. Incidental or consequential damage.
4. Damage caused by a foreign object crashing into and damaging the garage door.
5. All hardware, track, wood, any additional hardware needed to install door, and springs.
6. Failure or poor performance due to install into an environment that exceeds the doors performance, standards, and specifications.

#### Legal Info

This warranty covers our maximum liability for our product. FrenchPorte®, LLC is not liable for indirect, special, consequential, or incidental damages. Your sole and exclusive remedy with respect to any and all losses or damage resulting from any cause whatsoever shall be specified herein. FrenchPorte®, LLC makes no other guarantees, warranties, either expressed or implied including implied warranties except what was expressed herein. In the event state laws do not allow the exclusion or limitations of incidental or consequential damages, the above limitations or exclusions may not apply to you.

Name Install Company \_\_\_\_\_ Date of install \_\_\_\_\_

Address of install \_\_\_\_\_ Date of purchase \_\_\_\_\_



### **FrenchPorte® Garage Door System Safety Guidelines**

*The garage door is the largest moving aspect of most homes. Garage doors are usually, but not always operated by an electronic opener. Proper installation, operation, maintenance, and testing of the FrenchPorte® garage door and automatic opener are necessary to provide safe, trouble free operation.*

An improperly adjusted garage door or automatic opener can exert deadly force when the door closes. This could lead to serious injury or death from being hit by a closing garage door or being trapped under the door.

A few simple precautions can protect you, your family and friends from potential harm. Please take a few minutes to read the following safety tips. Refer to your garage door and opener owner's manuals or installation guides for details specific to the FrenchPorte® model you own. Then check the operation functions of your garage door and automatic opener.

- Do not stand or walk under a moving door. Do not let children or adults play "Beat the door." It is very dangerous and could potentially result in serious injury or death. Adults should always set a good example. Familiarize yourself with the operator's emergency release in case someone is pinned by the garage door.
- Do not allow children to play with or use garage door transmitters or remote controls. Always place and store them out of reach of children. Serious injury or death could be a result of improper usage.
- The "push button" wall control should always be installed out of reach of children or at least five feet from the garage floor. Mount and use the button where you can clearly see the moving parts of the garage door.
- Garage door openers are not toys! Careless operation and/or allowing children to play with or use the garage door opener controls can lead to tragic results. Discuss garage door safety with your children. Please explain the many dangers associated with the operation of the garage door.
- Teach children to keep their hands and fingers clear of sections, joints, hinges, tracks and springs, and other door parts. Contact with a moving door or its hardware could cause serious injury. These injuries are also very possible with garage doors that do not have automatic openers.



## Overhead French Style Garage Doors

### FrenchPorte® Garage Door Basic Safety Tips

1. Replace old springs! It is recommended that springs older than 3 years should be tested in order to determine whether or not they need to be replaced. The springs on your garage door are arguably the most important and most dangerous elements of your door. Springs DO wear out! When springs are broken or damaged, injury may very well result. If you have an older garage door, have your springs inspected by a professional technician and replaced if necessary. Feel free to contact FrenchPorte® directly for a list of approved garage technicians. If your door has two springs, replace both, even if one is not broken. This will not only prevent potential damage caused by the breakage of the second spring, but also will keep your door functioning efficiently.
2. Check your cables! Visually inspect the cables that attach the spring system to the bottom brackets on both sides of your FrenchPorte® garage door. If these cables are frayed or worn, they are in danger of breaking, which can in turn cause serious injury. Due to the dangers associated with high spring tension, these cables should only be replaced by an experienced garage door technician.
3. Squeaky Springs? Springs can squeak or be noisy at times. This is a common issue caused by consistent utilization of the garage door. Squeaky springs do not necessarily indicate a problem. Before contacting a garage door professional, apply a spray on lubricant, (recommended especially for garage doors and garage door parts). If the noise persists, please call a local garage door technician for instructions and/or service.
4. Installing a garage door as a “do it yourself project” is not recommended. The process of installing a FrenchPorte® door can be extremely dangerous and have disastrous consequences if attempted by a novice. It is FrenchPorte®’s recommendation that all FrenchPorte® doors are installed by an experienced garage door professional.
5. Safety cables are an essential part of any extension spring garage mechanism. If your FrenchPorte® door has extension springs, you need a safety cable that runs through the spring and secures to the wall or ceiling at each end. When the garage door is down, extension springs are under an extremely high amount of tension. If the spring breaks, it may cause injury. A safety cable can keep that broken spring contained. If you have extension springs on your FrenchPorte® door, but do not have a safety cable, please contact your local garage door technician for a safety inspection.
6. If your FrenchPorte® garage door is not smoothly operating or if damages arise, you may have an unsafe condition. Even older systems should operate smoothly. If the awkward or problem causing operation continues after the door has been manually tested, you may have a spring that is out of balance. This is an issue that can cause premature wear and tear on other essential garage components. Spring systems are very dangerous and should only be inspected and repaired by a trained garage door professional.
7. Watch your fingers! Every year, many unsuspecting homeowners injure their fingers by placing them between the door sections to pull down on the door. At FrenchPorte®, we have developed a patented technology that eliminates this danger. Our pinch resistant extrusions were developed specifically to address these issues. These extrusions fit together perfectly as the sections of the door separate and come together. This being said, even with our new technology, it is never a good idea to place your fingers between door sections; it is always better to utilize a solid gripping point on the inside of the door.
8. The utilization of tamper resistant brackets has become more and more popular as the garage door industry evolves. Since the bottom brackets on a garage door are connected to the door’s springs, these brackets are under extreme tension. They should be adjusted or loosened only by a trained garage door professional. FrenchPorte® includes tamper resistant hardware that prevents the loosening of these brackets by a novice on all standard products.
9. Although it is possible for a FrenchPorte® door to fit right into existing garage tracking, we always recommend that new tracking be installed. When buying a replacement garage door, some homeowners are tempted to save a few dollars by installing the new door on the previous doors tracks. Sometimes problems arise as a result of matching a set of tracks with a door that those tracks were not designed for. The tracks and door sections work together as a system. For maximum performance and long life, you should use the track that is specifically designed for the FrenchPorte® model you have purchased.
10. Regular service is a very important element of keeping your garage door functioning properly. Most garage doors are used every day so it is important to pay attention to the potential problems that could arise as a result of neglect. Regular maintenance is a practice that will prevent serious injury or serious garage door damage. Although safety checks should be performed by the homeowner on a monthly basis, it never hurts to have an annual visit from your local garage door professional to keep your door operating safely and smoothly for years to come!
11. Keep the installation guides and owners manuals for both your operator and your garage door hanging near the door for quick and easy reference. Each model door and operator have specific processes and instructions to refer to when and if issues arise. Do not hesitate to use these tools, they may end up saving you all kinds of money!





### FrenchPorte® Care and Maintenance Guide

#### Testing and Maintaining Your Garage Door Opener

Please consult your owner's manual for additional recommended maintenance for your model door operator. If you do not have an owner's manual, look for the opener model number on the back of the power unit and request a manual from the manufacturer.

**Reversal Test:** Make sure your garage door opener has a reversing feature. If the reversing feature is not present, the operator should be replaced.

Garage door openers manufactured after January 1, 1993, are required by federal law to have advanced safety features that comply with the latest UL (Underwriters Laboratories) 325 standards. Please contact your manufacturer or installer for additional information.

Test the reversing feature every month!

1. First, test the balance of the door. If the door is properly balanced, then proceed.
2. With the door fully open, place a 1-1/2" thick piece of wood (a 2"x4" laid flat) on the floor in the center of the door.
3. Push the transmitter or wall button to close the door. The door must reverse when it strikes the obstruction.
4. If the door does not reverse, have it repaired or replaced. Always have a qualified technician adjust, repair or replace the opener or door.

#### **Force Setting Test**

Test the force setting of your garage door opener by holding the bottom of the door as it closes. If the door does not reverse readily, the force setting may be excessive and require adjusting. See your owner's manual for details on how to make this adjustment.

#### **Additional Safety Devices**

Many garage door openers can be equipped with additional safety devices, such as photo eyes or edge sensors to protect against entrapment. Please keep in mind that adding more safety devices will not make an old opener meet current UL standards. Please ensure that any and all safety devices are properly installed and adjusted (See owner's manual).

#### Testing and Maintaining Your FrenchPorte® Garage Door

Perform routine maintenance steps once a month. Review your owner's manual or installation guide for the FrenchPorte® garage door. If you do not have an owner's manual, please feel free to contact FrenchPorte® directly via our customer friendly website, [www.frenchPorte.com](http://www.frenchPorte.com).



## Overhead French Style Garage Doors

### Visual Inspection

Look at the garage door springs, cables, rollers, pulleys and other associated door hardware for signs of wear. If you suspect a problem, we suggest having a qualified garage door professional personally address the issues.

Garage door springs, cables, brackets and other hardware attached to the springs are under very high tension, and, if handled improperly, can cause serious injury or even death. Only a qualified professional or a mechanically experienced homeowner should adjust them, but only by carefully following the manufacturer's instructions.

The torsion springs (the springs above the door) should always be adjusted by a professional! Do not under any circumstance; attempt to adjust torsion springs yourself.

A restraining cable or other similar device should be installed on the extension spring (the spring along the side of the door) to help contain the spring if it breaks.

- **WARNING:** Never remove, adjust, or loosen the screws on the bottom brackets of the door. These brackets are connected to the spring by the lift cable and are under extreme tension.
- **LUBRICATION:** Regularly lubricate the moving parts of the door. However, do not lubricate plastic idler bearings. Consult the door owner's manual for the manufacturers recommendation.

### Door Balance

*Periodically test the balance of your door to ensure door operation at full potential.*

1. Start with the door closed.
2. If you have a garage door operator, use the release mechanism so that you can operate the door by hand when doing this test.
3. You should be able to lift the door smoothly and with little resistance. It should stay open around three or four feet above the floor. If it does not, the door is out of alignment. Have it adjusted immediately by a qualified service professional.



## Overhead French Style Garage Doors

### GENERAL INFORMATION

Operate the door only when it is properly adjusted and free of obstructions. If the door is hard to operate or does not move, call a trained door system technician for repair.

If door is to be electrically operated, remove pull ropes and remove or disable the lock.

Repaint the door when paint is worn or damaged. Do not paint track, track rollers, graduated hinges, counterbalance lift cables, springs, lock, or warning labels.

### RECOMMENDATIONS

The manufacturer has designed and sized the components specifically for each type of door. The door will operate safely and efficiently over an extended period of time if it is **PROPERLY INSTALLED, OPERATED, and MAINTAINED**. The manufacturer recommends that the garage door be inspected and lubricated regularly as described in this manual.

### MANUAL OPERATION

If provided, always use lift handles and step plates when operating the door manually. Do not place fingers or hands between sections.

### DOOR INSPECTION AND MAINTENANCE GUIDELINES

All mechanical devices require periodic service and/or maintenance, and garage doors are no exception. The amount and frequency of preventive maintenance required depends on the local environment conditions and the frequency of door use. Preventive maintenance should be performed at least every six months, however more maintenance may be required if conditions warrant. Maintenance includes lubrication of moving parts and inspection of certain components for tightness. The following maintenance and inspection recommendations may be established until actual operating conditions dictate otherwise.

### DOOR TRACKS

Keep tracks free of oil or grease so rollers move freely. Grease attracts dirt and dust which build up and keep door from moving smoothly.

**LIGHTLY OIL:** Hinge Points, Steel Roller Stems and inner race assembly (Non-metal rollers do not require lubrication). Locking Device moving parts, Torsion Spring (Head plate bearing surfaces, torsion tube, and spring coil surfaces).

Lubrication reduces wear and friction. A 30W or other medium weight oil is satisfactory. Wipe off excess oil from door and track surfaces.





## Overhead French Style Garage Doors

### CARE

To maintain the appearance and the safety of your garage door, regularly clean and inspect the door and the area in which the door operates.

#### • Steel, Aluminum and Ornamental Iron Doors

Wash the door exterior at least one time per year and more frequently in salt air climates. Dilute one cup of common household laundry detergent, in five gallons of warm water and wash door with a dense sponge or cloth. Rinse door thoroughly clean. **Never blend cleansers or detergents with bleach.**

#### • Wood and Wood Composite Doors

Wood doors require periodical inspection of door finish. Visually inspect the door once a year to determine if the finish is weathered, deteriorating or thin. Stripping and refinishing of door may be required.

#### • Windows

Use a soft cloth and common household glass cleaner.

#### • Decorative Hardware

No cleaning is required to maintain appearance. Slight variations in individual finishes are intended. Some changes in color will occur overtime, enhancing the natural look and beauty of each piece.



### MAINTENANCE

Monthly safety checks of your garage door and opener, and an annual visit from a trained garage door technician, will maintain the safety and smooth operation of your garage door.

#### • Visual Inspection

Visually scan tracks, cables, springs, steel brackets, rollers, and hinges for fraying, rupture, and other signs of wear. A trained garage door technician must replace these items to ensure garage door safety.

#### • Door Balance

To test door balance, first disconnect electric opener while door is closed (if applicable; refer to page 2). Raise door to waist level and slowly release. Door should hold in this position. If door drops or raises without assistance, call a trained door systems technician to correct the door balance.

#### • Door Lubrication

Lubricate hinges, springs, rollers, and bearings, with Super Lube or similar non-silicon-based lubricant (eg. 10W-30 motor oil) at least twice per year to maintain smooth operation of door. Do not lubricate nylon rollers or tracks.

#### • Opener Safety Device

To test photo eyes, stand inside garage, safely away from path of door; push wall button to close door. As door closes wave an object in path of photoelectric eye beam. The door should reverse and return to the fully open position. Photo eyes should be installed no more than 6 above the floor.

#### • Opener Reversal

Garage door openers manufactured after January 1, 1993 are required by Federal law to have advanced safety features that comply with UL 325 standards. If a reversing feature is not present, your electric opener should be replaced.

**To test reversal**, door must be properly balanced. Open garage door fully, place a 1 1/2 thick piece of wood on the floor under the center of the door. Stand inside garage, safely away from path of the door, push the transmitter or wall button to close door. The door must reverse when it strikes the wood. If the door does not reverse, contact a trained garage door technician to adjust, repair, or replace the opener or door.





## Overhead French Style Garage Doors

### SAFETY INFORMATION

Overview of potential hazards read this safety information conventions used in these instructions:

Garage doors are large, heavy objects that move with the help of springs under high tension and electric motors. Since moving objects, springs under tension, and electric motors can cause injuries, your safety and the safety of others depend on you reading the information in this manual. If you have questions or do not understand the information presented, call your nearest trained door system technician or visit our website.

#### WARNING

In the following text, warning means that severe injury or death can result from failure to follow instructions.

Important safety instructions read and follow all instructions save these instructions.

READ THIS SAFETY INFORMATION:

Potential Hazard	Effect	Prevention
 Moving Door	<b>WARNING</b> Could result in Death or Serious Injury	Keep people clear of opening while Door is moving. Do <b>NOT</b> allow children to play with the Door Opener. Do <b>NOT</b> operate a Door that jams or one that has a broken spring.
 High Tension Spring(s)	<b>WARNING</b> Could result in Death or Serious Injury	Do <b>NOT</b> try to remove, install, repair or adjust springs or anything to which door spring parts are fastened, such as, wood blocks, steel brackets, cables or other like items. Installations, repairs and adjustments must be done by a trained door system technician using proper tools and instructions.

1. Do NOT permit children to play beneath or with any garage door or electric operating controls.
2. Keep hands and fingers clear of section joints, track, and other door parts when the door is opening and closing to avoid injury. The lift handles are located for safe operation as well as easy use.
3. Bolts must be installed at the rear end of horizontal tracks. These act to stop the rollers and keep the door from rolling off the back of the track.
4. Track installations must use sway braces on the rear track hangers to prevent sideways movement. If the tracks are NOT firmly stabilized they might spread, allowing the door to fall and cause severe injury damage or even death.
5. Springs, Cables, and Bottom Corner Brackets are under strong spring tension. Do NOT attempt to remove, repair or adjust any fasteners on these components or anything to

which these parts are attached, such as wood blocks, steel brackets, or other like items. You could suddenly release spring forces and risk severe injury.

6. If the garage door and/or any of the supporting tracks are damaged, operating the door could be hazardous. Take the door out of service and call a trained door system technician to promptly service or repair the door.
7. Be sure that your garage complies with all applicable state and or local ventilation requirements before you enclose any vehicles in the garage. Good ventilation avoids tire and health hazards caused by fumes accumulating within a well sealed garage.
8. Keep ice and snow from accumulating at the bottom of the door during winter weather conditions. Ice and/or frozen snow may cause the door and bottom seal to stick to the floor. Operating a struck door may cause permanent damage to the door system.
9. KEEP DOORS PROPERLY BALANCED. An improperly balanced door increases the risk of severe injury or death. Have a trained door system technician make repairs to cables, spring assemblies and other hardware as necessary.
10. Doors equipped with an automatic door opener can cause serious injury or death if NOT properly adjusted and operated. To ensure safety of these doors:
  - a) Never let children operate or play with the door controls. Keep the remote control away from children.
  - b) Always keep the moving door in sight and people and objects away from the door until the door is completely closed. NO ONE SHOULD CROSS THE PATH OF THE MOVING DOOR.
  - c) NEVER GO UNDER A STOPPED, PARTIALLY OPEN DOOR.
  - d) Test opener monthly. The door MUST reverse on contact with a 1-1/2" high object (or a 2" x 4" board laid flat) at the center of the doorway on the floor. If the door does NOT reverse, re-test the door opener after adjusting either the force or the limit of travel in accordance with the manufacturer's instructions. Failure to adjust the opener properly may result in severe injury or death.
  - e) When possible, use the emergency release only when the door is closed. Use caution when using this release with the door open. Weak or broken springs are capable of increasing the rate and force of door closure and increasing the risk of severe injury or death, and;
  - f) If your door has a pull down rope or locking mechanism, you must remove the rope and either disable or remove any door locks.



## Overhead French Style Garage Doors

### CABLE INSPECTION

Inspect the cables. The cables should be tight and secured to the bottom fixtures. The cables should not rub against the door, track or any other objects. Cables with frayed or broken strands should be replaced by a trained door system technician.

### COUNTERBALANCE LIFT CABLE ASSEMBLIES

#### WARNING

BOTTOM CORNER BRACKETS, TORSION SPRING(S), COUNTERBALANCE LIFT CABLES, DRUMS, PULLEYS, SHAFTS, AND BRACKETS ARE UNDER HIGH SPRING TENSION. DO NOT ATTEMPT TO REPAIR, ADJUST OR REMOVE ANY OF THESE ITEMS. CALL A TRAINED DOOR SYSTEM TECHNICIAN.

### BROKEN OR SLIPPED CABLE

If a cable breaks, or cable slips off a torsion spring drum, the door may cock or wedge into the tracks. DO NOT continue to use the door. DO NOT attempt repairs. Call a trained door system technician to repair the door.

### BROKEN SPRING

#### WARNING

HOMEOWNER! TORSION SPRINGS SHOULD ONLY BE REMOVED, INSTALLED, REPAIRED OR ADJUSTED BY A TRAINED DOOR SYSTEM TECHNICIAN. ATTEMPTING TO REMOVE, INSTALL, REPAIR OR ADJUST A TORSION SPRING ASSEMBLY WITHOUT PROPER TRAINING AND TOOLS MAY RESULT IN AN UNCONTROLLED RELEASE OF SPRING FORCES WHICH COULD CAUSE SERIOUS OR FATAL INJURY.

If a spring breaks, the door will not be counterbalanced and may fall if opened. DO NOT continue to use the door. DO NOT attempt repairs. Call a trained door system technician to repair the door.



## Overhead French Style Garage Doors

### WARNINGS

Read all instructions in the Owner's Manual and review all safety and warning labels attached to the garage door, springs, and garage door opener.

### DANGER

**High spring tension can cause serious injury or death.** Do not attempt to remove, repair, or adjust any springs, any red colored fasteners, or the hardware to which the red colored fasteners are attached. Removal, adjustment, or repair must be made by a trained garage door technician.

### DANGER

**Additional parts can overload the springs causing serious injury or death.** Do not add additional parts to the door. Every garage door has been specifically designed to bear the weight of the door as supplied from the manufacturer. Failure to comply with these instructions voids the warranty.

### WARNING

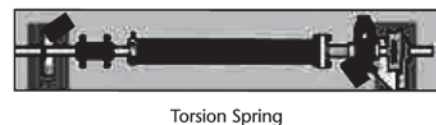
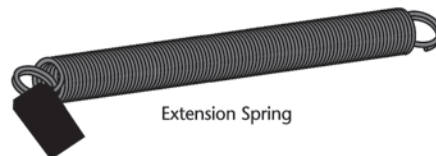
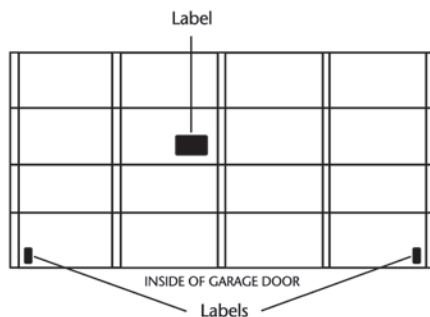
**Keep fingers away from garage door section joints and moving parts to reduce chance of finger or hand injury.** Do not attempt to manually operate the garage door without the use of attached gripping points and/or pull cord.

### WARNING

**Garage doors equipped with electric openers should not have pull cords attached directly to the garage door.** Garage door may be damaged if pull cord is not removed.

### NOTICE

Attempting to manually open a garage door equipped with an electric opener may result in damage to the garage door. Most electric openers prevent the garage door from being opened manually. In the event of emergency, power outage, or during monthly safety inspections, garage doors with attached electric openers must be released using the emergency release handle. To release opener and open door manually, see Operation instructions on page 2.





## Overhead French Style Garage Doors

### A WARNING

**Garage door safety is your responsibility.** Garage doors, garage door openers, and electric transmitters are not toys. Careless operation or allowing children to use garage door controls can lead to serious injury or death. Discuss garage door safety with your children, explain the dangers and outline emergency procedures in the event of an accident.

**Contact with a moving door could cause serious injury.** Teach children to keep their hands and fingers clear of the garage door, section joints, hinges, track, springs, and other door parts during operation.

**Do not stand or walk under a moving door.** Do not let children or adults play "beat the door" as the door closes. This action is dangerous and can result in serious injury or death.

**Do not let children play with or use electric transmitters.** Always place and store them out of reach of children.

**Pushbutton wall controls should be out of the reach of children.** Mount at least ten feet away from the door and at least five feet from the floor and where the user can clearly see the moving garage door.

**Keep garage door in sight at all times until it has completely stopped moving, especially when using a pushbutton wall control or electric transmitter to operate the door.**

**Keep the door area clear at all times.** Teach children never to play under or near an open garage door.

Garage door installation is an advanced project and can be extremely dangerous.

### INSTALLATION

Installation by a trained garage door technician is highly recommended. To locate a trained garage door technician visit [www.frenchPorte.com](http://www.frenchPorte.com) or call 1.866.545.5744. Downloadable instructions and technical manuals are available at [www.frenchPorte.com](http://www.frenchPorte.com).

### OPERATION

#### • To manually open door

Check to make sure the garage door is in the unlocked position. Lift the door by hand using the attached step plate/lift handles only. You should be able to lift the garage door smoothly and with little resistance. If door does not open smoothly and with little resistance, contact a local trained garage door technician.

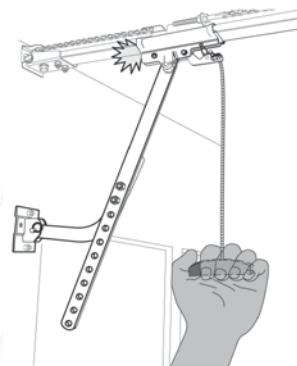
#### • To manually close door

Make sure the area required for door movement is clear. Position yourself inside the garage. Pull the door downward using attached step plate/lift handles only. If unable to reach handles, use pull cord affixed to side of door. The garage door should move smoothly and with little resistance. A well-balanced door will remain open around three to four feet above the floor. Continue closing with step plate/lift handles until closed. If door does not move smoothly and with little resistance, contact a local trained garage door technician.

#### • To open and close using an electric door opener

Most electric openers prevent the garage door from being opened manually. When using an electric opener with any garage door, all manual locking mechanisms and door specific pull cords should be removed.

Refer to the opener manufacturer's instructions supplied with the electric opener for more detailed operating information. All FrenchPorte® manufactured garage doors require proper reinforcement of the door's top section before installing an electric opener.



Note: All release handles do NOT look alike.

#### • In case of emergency

During a power outage, or during monthly inspections, garage doors with attached electric openers must be released to be opened manually. To disengage opener, fully close the garage door and pull down vertically on the red emergency release handle

to release the trolley arm (pictured below). The door may now be opened manually. To re-attach opener, please follow the opener manufacturer's instructions.



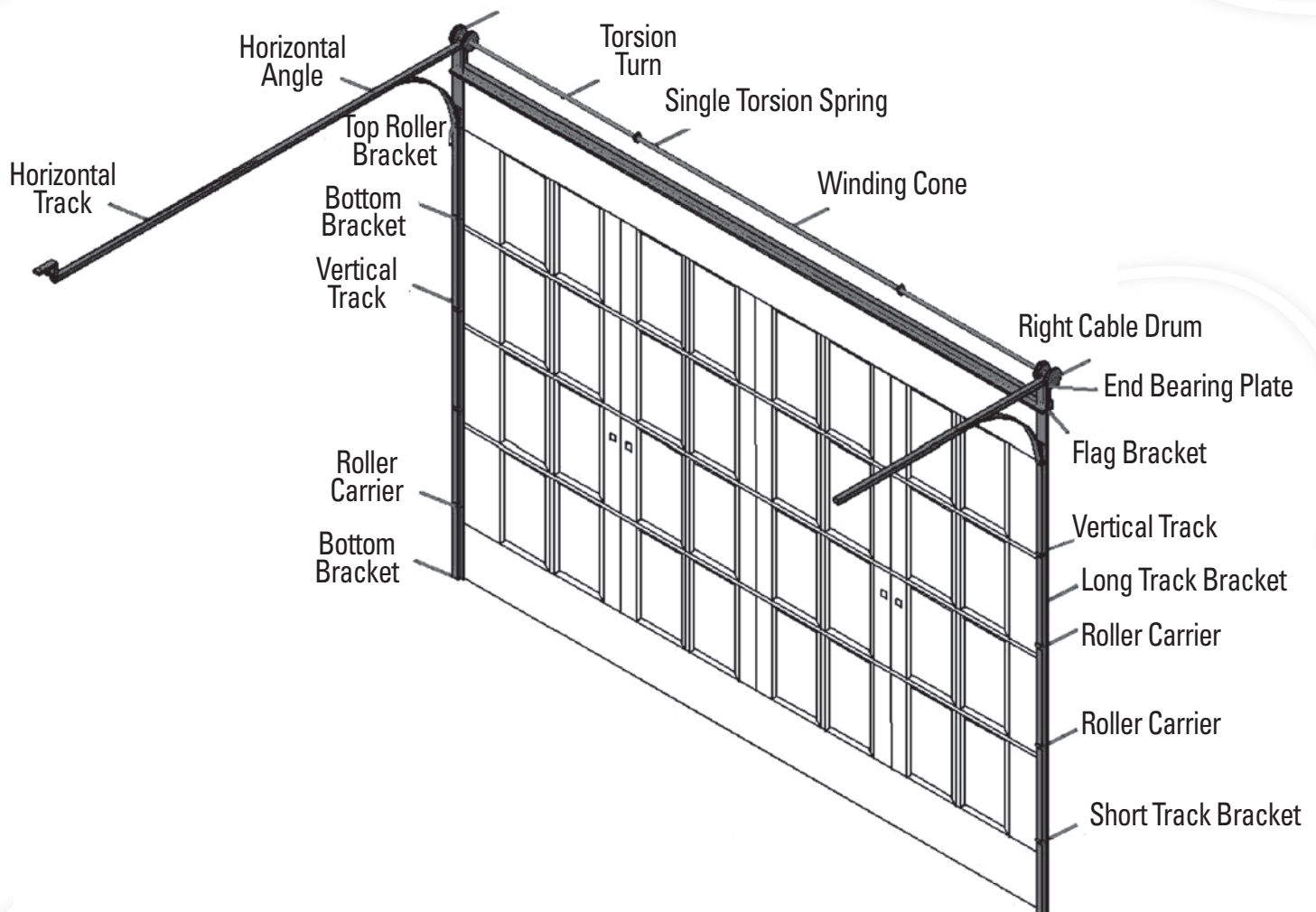


### FRENCHPORTE® INSTALLATION GUIDE

#### *The Jennifer® Model • The Kendra® Model • The Madeleine® Model The Christina Model*

Before you begin the installation, read **all** of the instructions thoroughly.

INSTALLATION AND/OR REPAIR OF GARAGE DOORS SHOULD ONLY BE PERFORMED BY A QUALIFIED GARAGE DOOR INSTALLER. THESE INSTRUCTIONS ARE INTENDED FOR PROFESSIONAL GARAGE DOOR INSTALLERS. DUE TO PRODUCT/ENGINEERING CHANGES, FASTENERS AND OTHER FIXTURES MAY CHANGE FROM TIME TO TIME. THESE INSTRUCTIONS ARE REPRESENTATIVE OF THE PROPER PROCEDURES FOR A SUCCESSFUL INSTALLATION.





### IMPORTANT!

#### PLEASE READ THE FOLLOWING INFORMATION AND WARNINGS PRIOR TO INSTALLING YOUR NEW DOOR

Garage doors are counterbalanced with spring systems for easy operation. All springs, cables, drums, and bottom fixtures are under very high tension. Adjusting or loosening any fasteners involved with the spring system or bottom fixtures could result in severe injury or death.

Due to worn or rusted parts, removal of your existing door is more dangerous than installing your new door. For these reasons, FrenchPorte® recommends having a qualified door technician remove your old door for you.

Keep hands and fingers clear of section joints, track, and all other moving parts of your garage door. Lift handles and pull ropes are included with your door package for safe manual operation of your door.

Do not permit children to play with or beneath your garage door.

**Doors equipped with extension springs should never be operated without safety cables.**

**Use extreme care when winding or adjusting springs. Torsion springs should only be wound with 1/2" diameter cold rolled steel winding bars approximately 18" in length. Use of any other object such as screwdrivers or any other substitute for winding bars may result in severe injury or death.**

If the garage door or any of its track system is damaged, operation could be hazardous. Calling a qualified door technician is recommended.

Should replacement parts ever be needed, exact replacements and safety can be best assured by contacting: **FrenchPorte®, LLC** | CUSTOMER SERVICE 866.545.5744 | [WWW.FRENCHPORTE.COM](http://WWW.FRENCHPORTE.COM)



# FrenchPorte®

LOWE'S NEVER STOP IMPROVING

Overhead French Style Garage Doors

## FrenchPorte® Installation Guide

***The Jennifer® Model • The Kendra® Model • The Madeleine® Model  
The Christina Model***

Thank you for your FrenchPorte® purchase. In buying a FrenchPorte®, you have selected one of the highest quality products available in the industry. Not only are our doors beautiful, they are among the strongest garage doors available for purchase today. Congratulations on your purchase of quality second to none.

To begin; it is important to point out that there are a few basic differences that separate the FrenchPorte® installation from that of a generic steel garage door. These intricacies are small but very important to note.

- 1. The application of our Pinch Resistant extrusions:** These pinch proof joints are used to connect two FrenchPorte® sections so that the door can operate in the safest most secure manner possible. Our Pinch Resistant extrusions eliminate the possibility of fingers or other body parts being caught between door sections as the door moves up or down.
- 2. The application of our FrenchPorte® center hinges:** These hinges are an internal reinforcement for the structural design of the FrenchPorte® sections. The FrenchPorte® strut containing sections on the back side of the door are reinforced via the application of the center hinge. These hinges not only keep the sections lined up evenly in place, they add to both the quality and life of the door itself. Our products demand the extra support necessary for continuous use and quality control. The application of center hinges is absolutely necessary when installing any FrenchPorte® product.
- 3. The lack of pre drilled holes in the FrenchPorte® sections:** our FrenchPorte® sections are constructed of the highest quality materials. In order to keep in line with our standards and limit negative effects on the door, all FrenchPorte® sections are void of any pre drilling. IT IS THE RESPONSIBILITY OF THE INSTALLER to drill any and all holes in the FrenchPorte® sections. All hardware installed on the FrenchPorte® door should be drilled first then lagged. Alignment of all hardware is critical for smooth and correct operation of the FrenchPorte® door.

With consideration to these three primary differences, the FrenchPorte® installation process is a breeze. Please follow the instructions outlined in this guide closely and concisely as your safety depends on it. Thanks again for your FrenchPorte® purchase! Feel free to consult our video installation guides online for additional information.

**Installation Video Guide:**



[www.youtube.com](http://www.youtube.com)

Search: "FrenchPorte Installation Guide"

Website: [www.FrenchPorte.com](http://www.FrenchPorte.com)

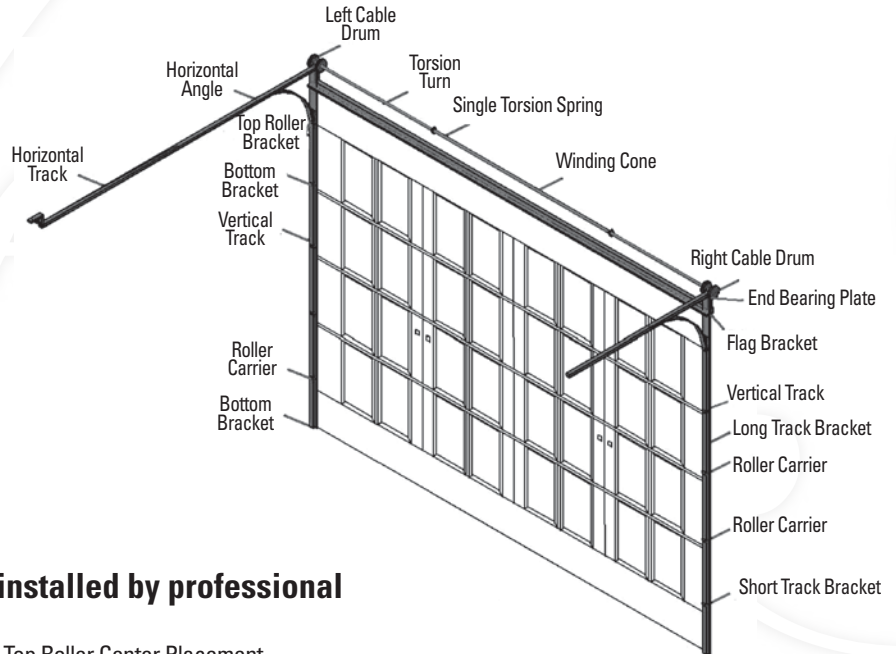


## Overhead French Style Garage Doors

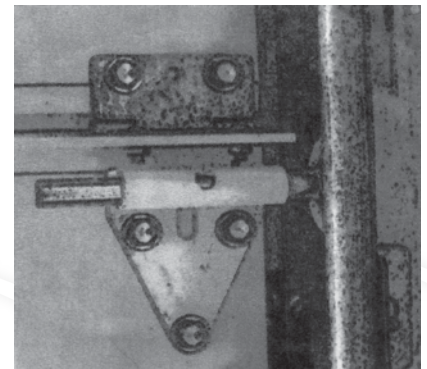
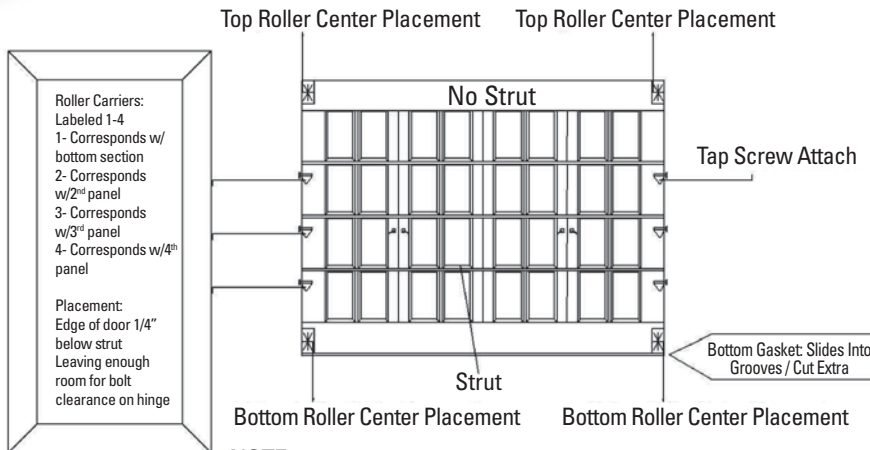
# Garage Door Installation Guide



Torsion Spring



**WARNING: TORSION SPRING must be installed by professional**

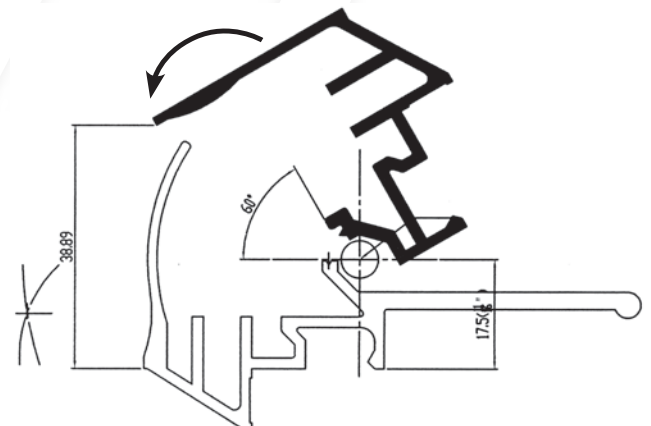
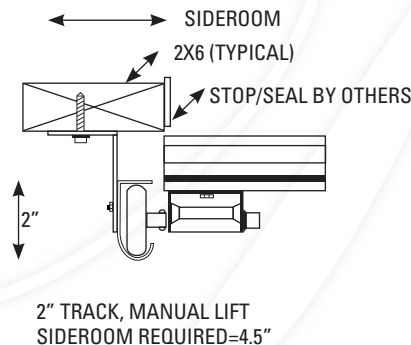
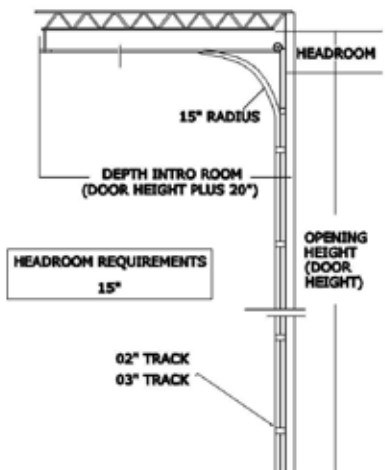


**NOTE:**

Handles: ALWAYS ask customers preference when mounting handles. CHECK CLEARANCE BEFORE MOUNTING TO DOOR.

Top Roller Carrier: Place at bottom edge of the 1<sup>st</sup> panel

Alignment of Door: IMPORTANT to always check alignment w/panes, due to style of door alignment is very important. All Holes must be drilled (NO PREDRILLED HOLES). Always attach center hinge than outer. Once hinges are in place attach roller carrier to the lower panel (this will hold panel in place). Sections will FOLD into place at 75 degree angle.







## Overhead French Style Garage Doors

### PART I STANDARD LIFT INSTALLATION

#### STEP 1

Hinges have numbers stamped into them for identification and their placement on the door is important. When attaching hinges to the door, make certain the number code is right side up. Use 1/4" x 1" tek screws to fasten hinges to **steel doors**. See Figure 3

**Caution:** Inspect sawhorse surface for objects that may scratch the finish of your door.

Lay bottom section face down on sawhorses.

#### STEP 2

Attach bottom brackets (left and right hand) to bottom of end stiles flush with bottom of section using 1/4" x 1" red tek screws. Secure the step plate above the right bottom bracket using 1/4" x 1" tek screws. See Figure 3A

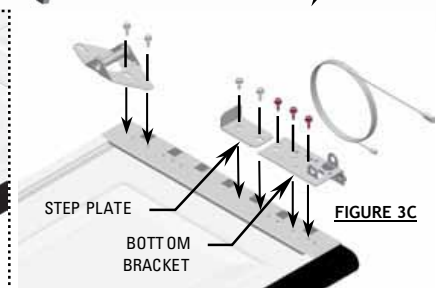
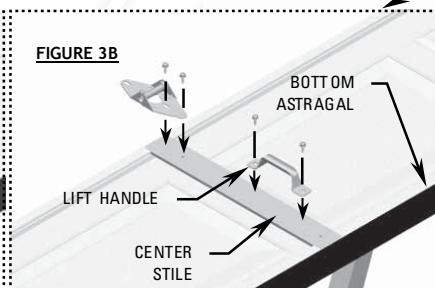
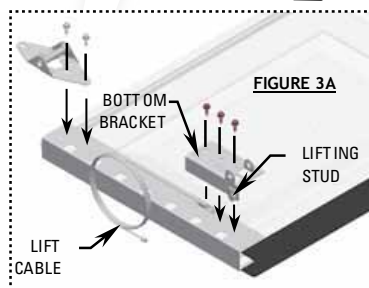
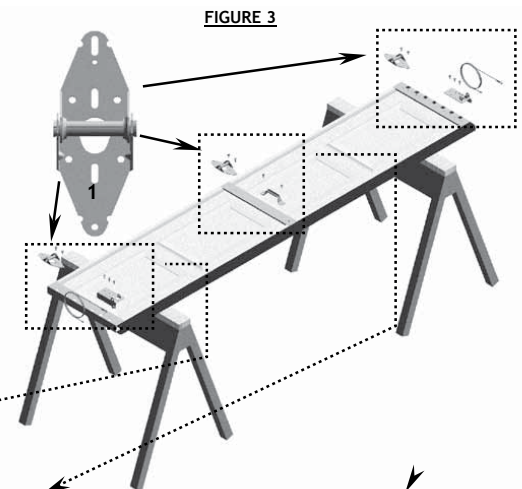
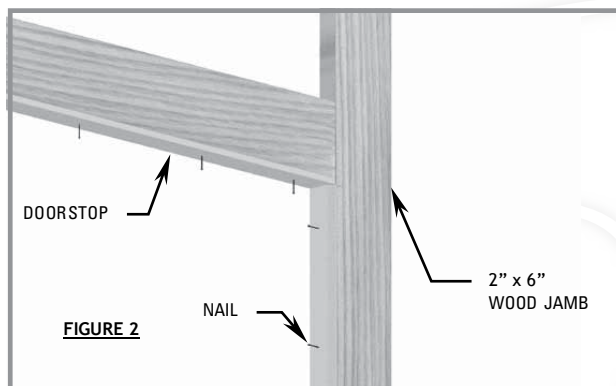
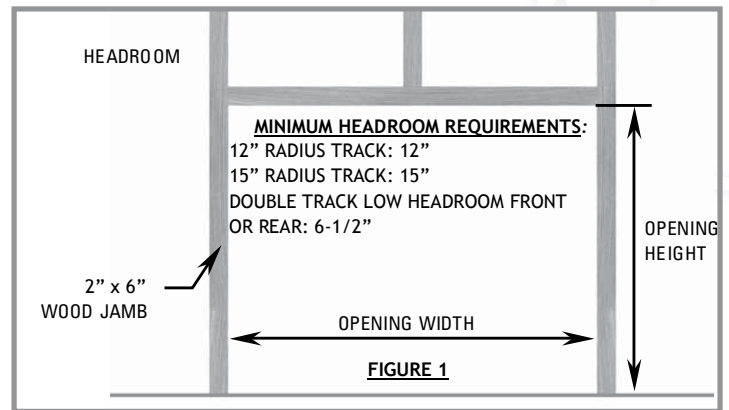
Attach lower half of #1 hinges to the top of both end stiles and all intermediate stiles. Attach the lift handle to any intermediate stile. See Figure 3B

Place looped end of cable over lifting stud on bottom fixtures. See Figure 3C

The inside of the garage door opening should be framed with 2" x 6" wood jambs. Jambs should be plumb and square and extended to the top of the minimum headroom required. All jamb fasteners should be flush with jambs and securely anchored to the wall. **See Figure 1**

Headroom is defined as the measurement from the top of the door opening to the lowest obstruction, such as light fixtures, heat vents, etc.

Temporarily nail doorstops (supplied by installer) to jambs flush with the inside of the opening. This will prevent the sections falling through the opening as they are stacked. **See Figure 2**



(NOTE: USE 1/4" X 1" LAGS FOR WOOD DOORS)



## Overhead French Style Garage Doors

Refer to Part VIII Strut Schedule for placement of reinforcement struts. Follow the appropriate schedule for the model purchased. See Figure 4

### STEP 3

Place the bottom section in the opening against the doorstops and center it within the opening. Using shims if necessary, level section. See Figure 5 Using 20-penny nails, drive them part way into the doorjamb and bend them slightly around the section to hold it in place. Do this to each end of the section. Be sure the nails are driven firmly into the jamb. Fold the hinges inward to ease the stacking of the next section. Repeat this step as you stack each section in the opening. See Figure 5A

### STEP 4

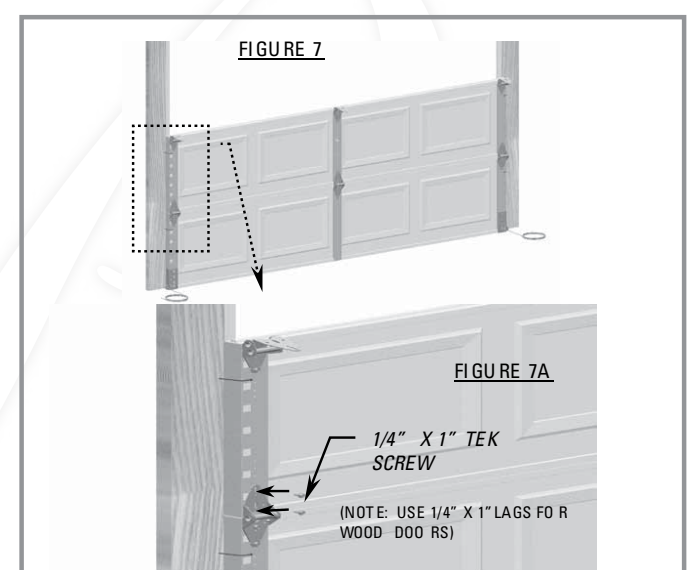
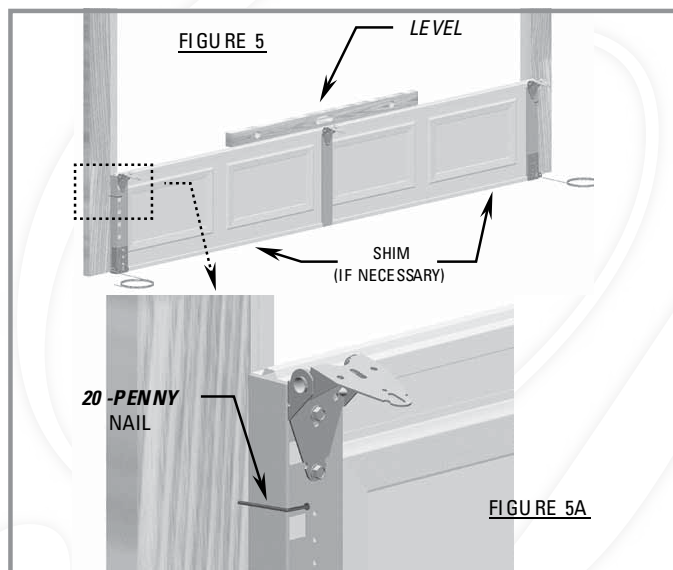
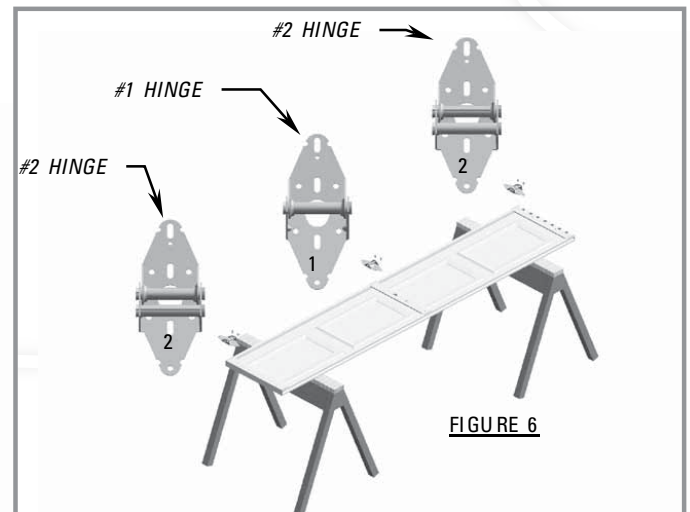
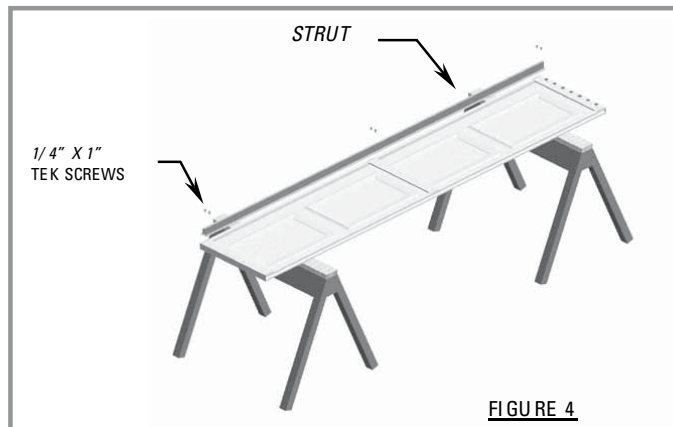
Place second section on saw horses. Attach lower half of #2 hinges to the top of both end stiles, and #1 hinges on the intermediate stiles. See Figure 6

### STEP 5

The second section may now be stacked on top of the first section and secured with 20-penny nails. Flip up and secure the first row of hinges to the bottom of the second section. See Figure 7 & 7A

### STEP 6

Repeat the procedure for the next section. Being the third section, #3 hinges are required on the tops of the end stiles, and continue using #1 hinges on the intermediate stiles. For each section added, verify end stile hinges are in ascending order. The top section will not have intermediate or end hinges.





## Overhead French Style Garage Doors

### STEP 7

Place the top section face down on the sawhorses. If the door is to be motor operated, but no struts are included, an additional strut must be ordered for the top section. Install it along top rail, flush with the top edge of the section, using 1/4" x 1" tek screws. (If you have a wood door, refer to STEP 16 for installation of top fixture. Then return to this step for further instruction.) This section may now be stacked into the opening, secured with 20-penny nails and the remaining row of hinges should be flipped up and secured to the top section. See Figure 8 & 9

### STEP 8

Insert the roller stems into the roller carriers of the hinges and bottom fixtures. See Figure 10 Route cable in front of rollers alongside the sections being sure to keep it from being pinched between the door and frame. Temporarily affix or hang the cable at the top of the door to keep it out of the way and prepared for attachment to the springing system in upcoming steps.

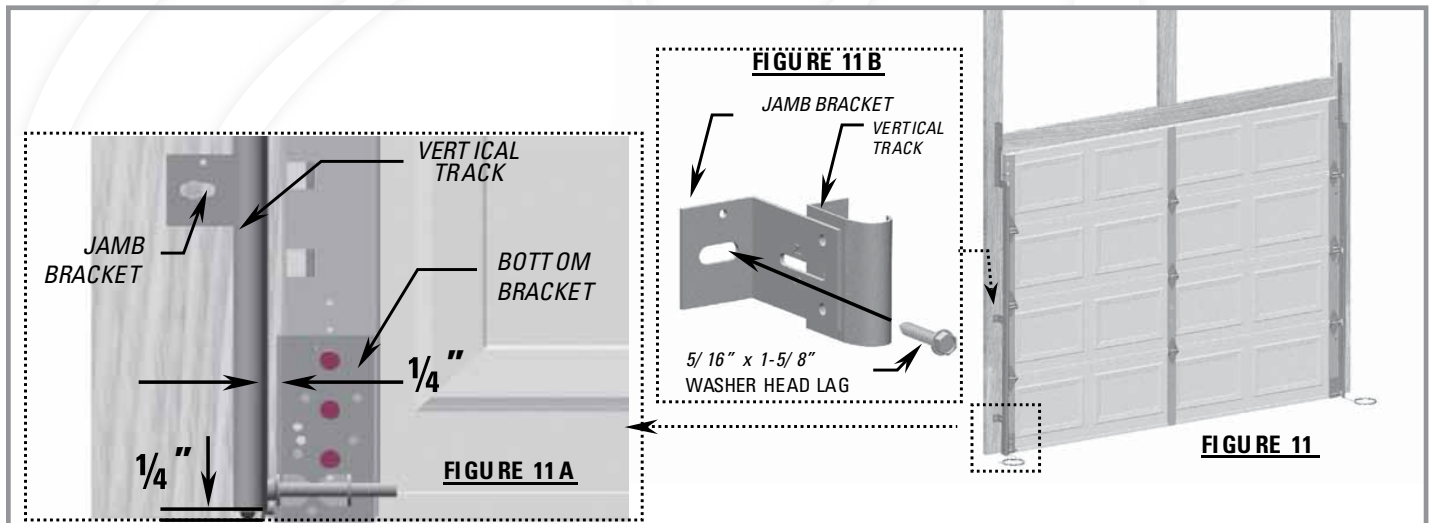
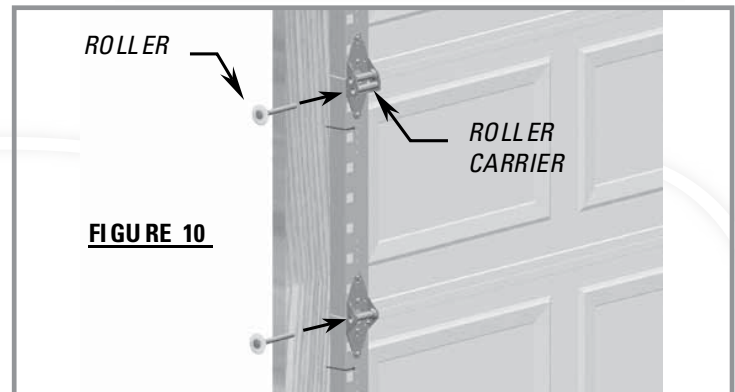
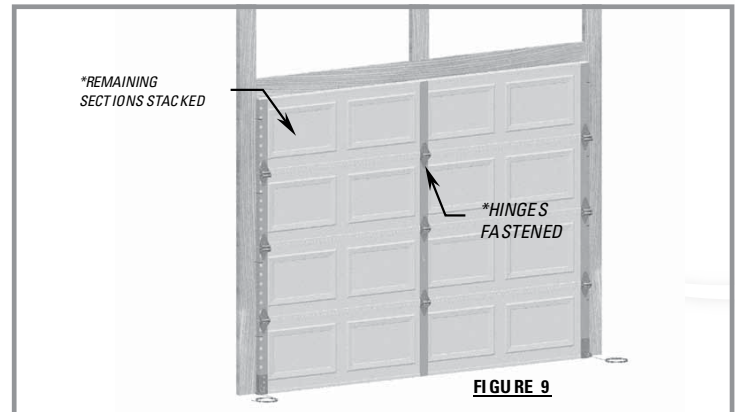
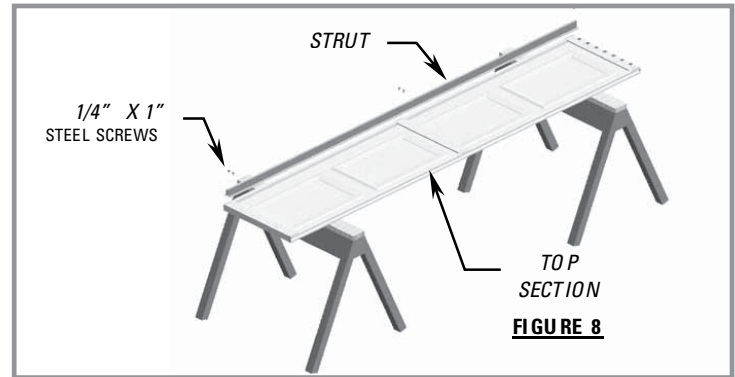
If you have requested adjustable track, the jamb brackets, flag brackets, track bolts and nuts will be in your hardware box. With the head of the bolt to the inside of the track, attach jamb brackets & flag brackets in the proper position of the vertical track.

### STEP 9

Hook vertical tracks (straight track) over rollers and swing them into position so the jamb brackets rest flush against the doorjamb. Raise and shim vertical tracks roughly 1/4" off the floor. The tops of the verticals must be level with each other. Since the bottom section has been leveled, you can level the vertical tracks by measuring from the top of the bottom section to the top of the vertical track. See Figure 11 & 11A

### STEP 10

Keeping vertical tracks level with each other, and using 5/16" x 1-5/8" washer head lags, anchor them to the doorjamb leaving 1/4" clearance between the track and the bottom fixture, tapering up to 3/8" clearance between the track and the top section. See Figure 11A & 11B







## Overhead French Style Garage Doors

### STEP 11

Using two 1/4" x 5/8" track bolts and 1/4" flange nuts, attach the curved end of the horizontal track to the flag bracket of the vertical track. When doing this, make sure the bolt heads are inside and the nuts are on the outside of the track. Also attach the horizontal reinforcement angle to the flag bracket with a 3/8" x 3/4" carriage bolt and flange nut. Temporarily suspend the back end of the horizontal track with a heavy rope or wire of sufficient size to safely support a weight of at least 300 pounds per side. See Figure 12

### STEP 12

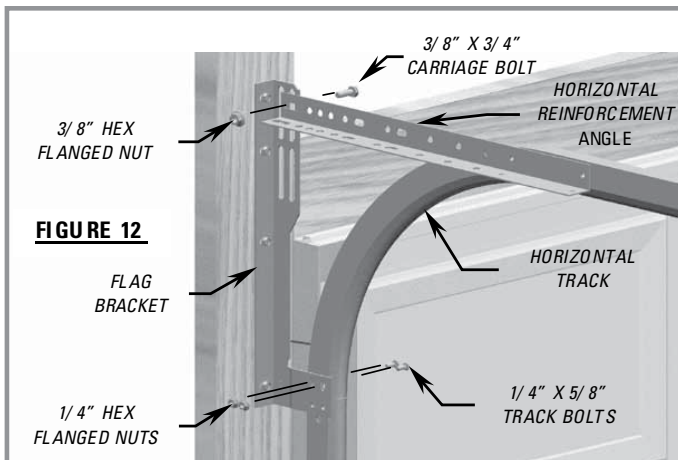
Position an end bearing plate against the inside of the horizontal reinforcement angle, and with the flange pointing away from the door and flush against the wood jamb extension, and fasten in place with 3/8" x 3/4" carriage bolts and flange nuts. Pilot drill a 1/8" hole through the mounting hole in the flange of the end bearing into the wood jamb extension and install a 5/16" x 1-5/8" washer head lag. Repeat the process on the opposite end of the door. See Figure 13

### STEP 13

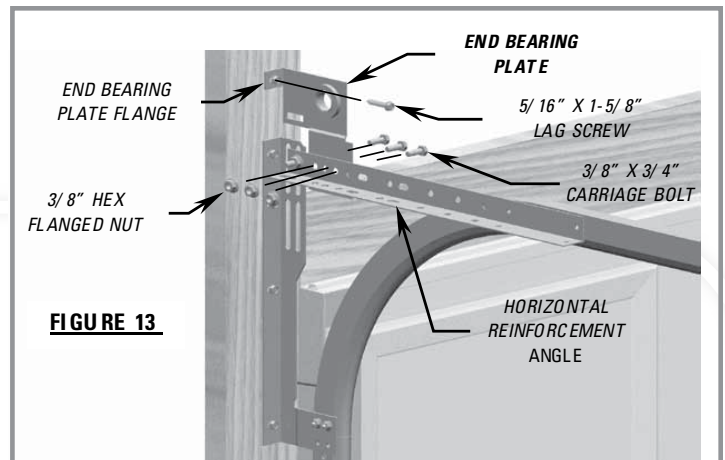
Lay the torsion tube across the sawhorses. Slip the springs, drums, and spring mount onto the shaft as shown in the drawing. Note that the red cable drums as well as springs with red winding cones are to be on the left side of the door and the black cable drums and springs with black winding cones are to be on the right side of the door. The side of the drum that has the setscrews should be towards the center of the door. Also note that the side of the spring mount with the notched corner will be downward to allow clearance for the door to pass without hitting the spring mount. See Figure 14

### STEP 14

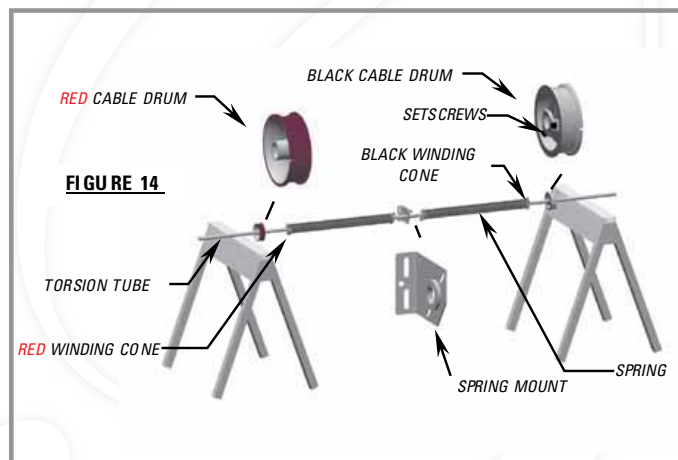
Lift the torsion assembly and put the left end of the torsion tube through the left end bearing, then line the right hand end of the torsion tube up with the right hand end bearing and pull the torsion tube back and through the right end bearing. The torsion tube should be centered with equal lengths of tube on each end of the door. See Figure 15



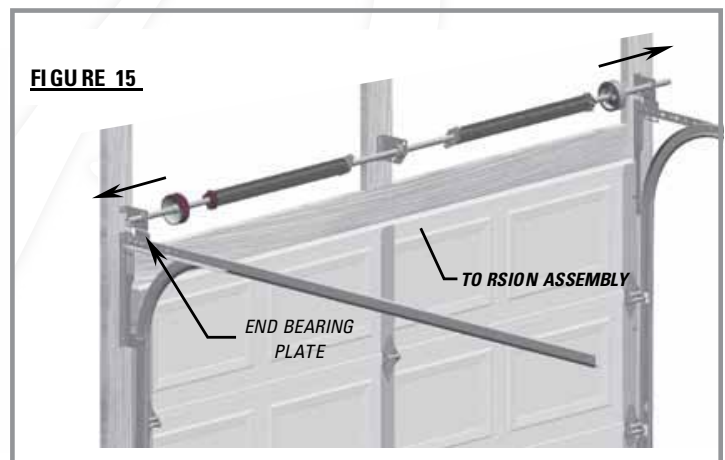
**FIGURE 12**



**FIGURE 13**



**FIGURE 14**



**FIGURE 15**

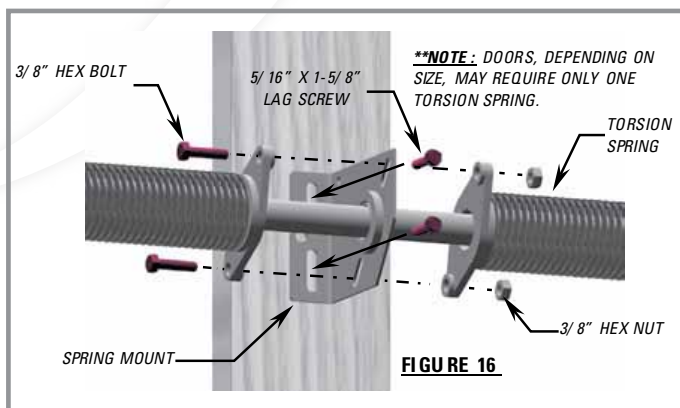




## Overhead French Style Garage Doors

### STEP 15

Next, with the mounting side of the spring mount flush against the header, raise the spring mount until the center of the torsion tube no longer sags and is level with the ends of the torsion tube. Pilot drill 1/8" holes into the wood header and anchor the spring mount to the wood header with 5/16" x 1-5/8" red washer head lags. Complete this assembly by using the 3/8" bolts and nuts to through bolt the springs to the spring mount. See Figure 16

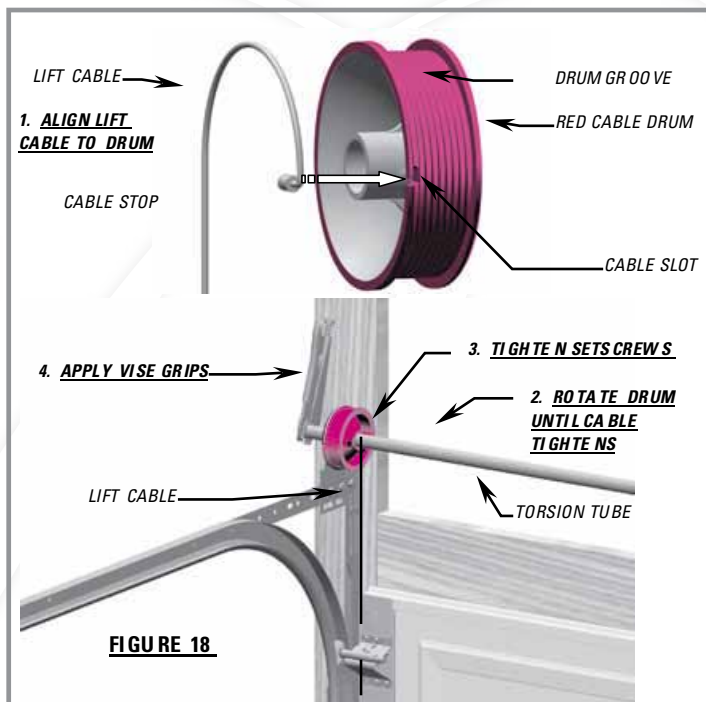
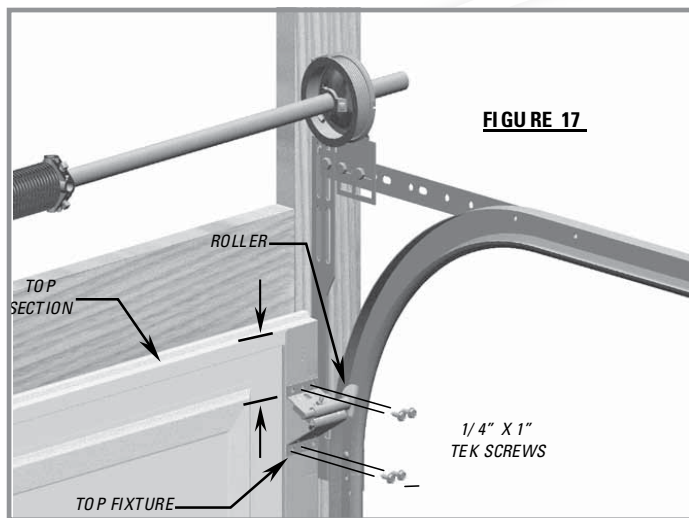


### STEP 16

Insert the roller stem into an adjustable top fixture. Making sure the adjustable side of the top fixture is upward, wiggle the roller into the radius portion of the horizontal track and lower the fixture until the mounting holes in the fixture line up with a set of prepunched holes in the end stile. Placement of the top fixture is approximately 3" from the top of the section. Adjust the nut and bolt assembly of the top fixture so that the section is seated firmly against the header of the door opening. Complete this step by fastening the fixture in place with 1/4" x 1" tek screws. Repeat the procedure at the opposite end of the door. See Figure 17

### STEP 17

Slide the red cable drum as far left as possible until it touches the end bearings. Carefully thread the left hand torsion cable up in between the end of the door and the vertical track, between the header and the cable drum, and hook the cable stop on the end of the torsion cable into the slot in the cable drum casting. Making sure the cable rests in the top groove of the cable drum, rotate the drum until the cable is tight and tighten the setscrews. Approximately 1-1/2 turns after screw touches the tube. **Do not over tighten.** Over tightening these screws may cause damage to the torsion tube and/or the cable drum. Apply vise grips to the torsion tube with the handle against the header to keep the torsion tube from turning, thus keeping the cable tight and in the groove of the cable drum. See Figure 18





## Overhead French Style Garage Doors

### STEP 18

Repeat this procedure with the black drum. Check both torsion cables to insure they are both equally tight and tracking correctly in the grooves. Adjust as needed. Leave the vise grips in place to prevent the torsion tube from turning until the springs have been wound. See Figure 19

**CAUTION: PLEASE READ STEPS 19 AND 20 VERY CAREFULLY!**

### STEP 19

Prior to winding the springs, insure that both cables are equally tight and the vise grips are still in place on the torsion tube.

#### DANGER:

**WINDING AND/OR ADJUSTING TORSION SPRINGS CAN BE EXTREMELY DANGEROUS IF IMPROPER TOOLS ARE USED OR EXTREME CAUTION IS NOT TAKEN. READ AND FOLLOW THESE INSTRUCTIONS VERY CAREFULLY.**

To wind the torsion springs you will need two cold rolled steel winding bars 1/2" in diameter and at least 18" long. **USING ANY OTHER TOOL FOR WINDING AND/OR ADJUSTING TORSION SPRINGS COULD DAMAGE THE WINDING CONE AND MAY CAUSE SEVERE INJURY OR DEATH.** These winding bars are not furnished in the door package and should be available from your garage door dealer or a local hardware store. Mark springs with chalk line end to end for ease in counting turns.

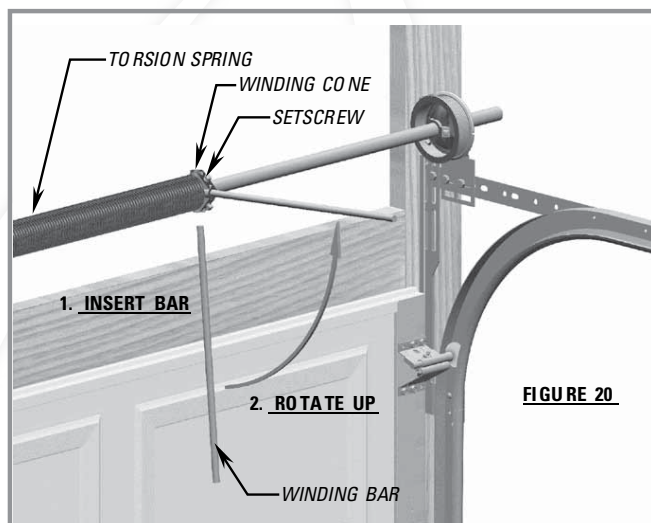
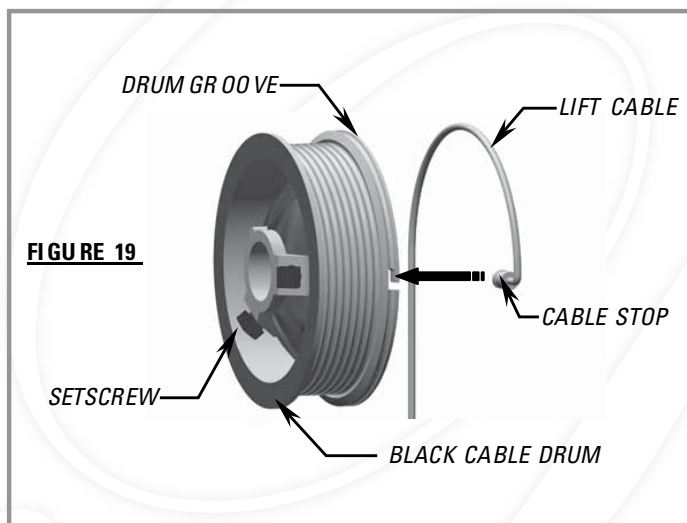
### STEP 20

Place one of the winding bars into a hole in the winding cone of the spring. Slowly and carefully rotate the bar **UPWARD** until you are able to insert the other winding bar into the next hole. While holding the tension of the spring with the lower winding bar, remove the upper winding bar and wind the spring another quarter turn. Repeat this process until the required number of turns are on the spring. While maintaining upward pressure on the winding bar, carefully tighten the setscrews in the winding cone. If your door has 2 springs, repeat this procedure on the other spring. See Figure 20

#### DANGER:

**ALWAYS MAINTAIN FULL CONTROL OF THE WINDING BARS INSURING THE BARS ARE FULLY SEATED IN THE HOLES OF THE WINDING CONE. NEVER STAND IN LINE OR ALLOW ANYONE ELSE TO STAND IN LINE WITH THE WINDING CONE OR WINDING BARS WHEN WINDING THE SPRINGS OR MAKING ADJUSTMENTS.**

**NOTE:** The amount of turns information is written on the hardware box at the factory. 1 turn is equal to 1 full revolution of the winding cone or 4 quarter turns.





## Overhead French Style Garage Doors

### STEP 21

Remove the temporary nails holding the sections to the doorjamb. Also remove the vise grips from the torsion tube. Very slowly, lift the door half way up into the opening. Attach locking pliers to the vertical track directly under the bottom roller and another set above the 2nd roller to keep the door in this position. **Keep the horizontal tracks within 1/2" of the end of the door to prevent the door from falling out of the tracks.** While keeping the horizontal tracks level, anchor the rear of the horizontal tracks securely to the overhead building structure with steel track hangers fabricated from punched angle provided by the installer. See Figure 21

### STEP 22

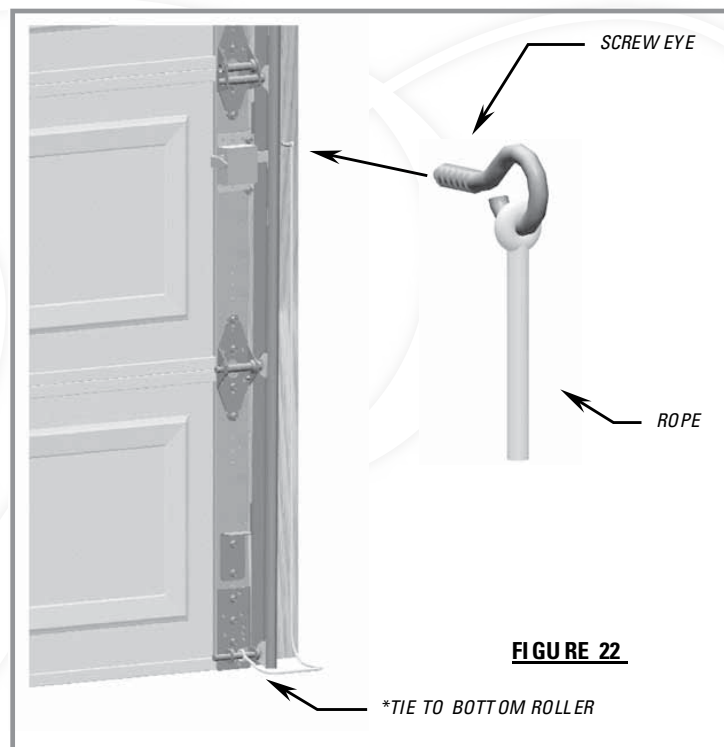
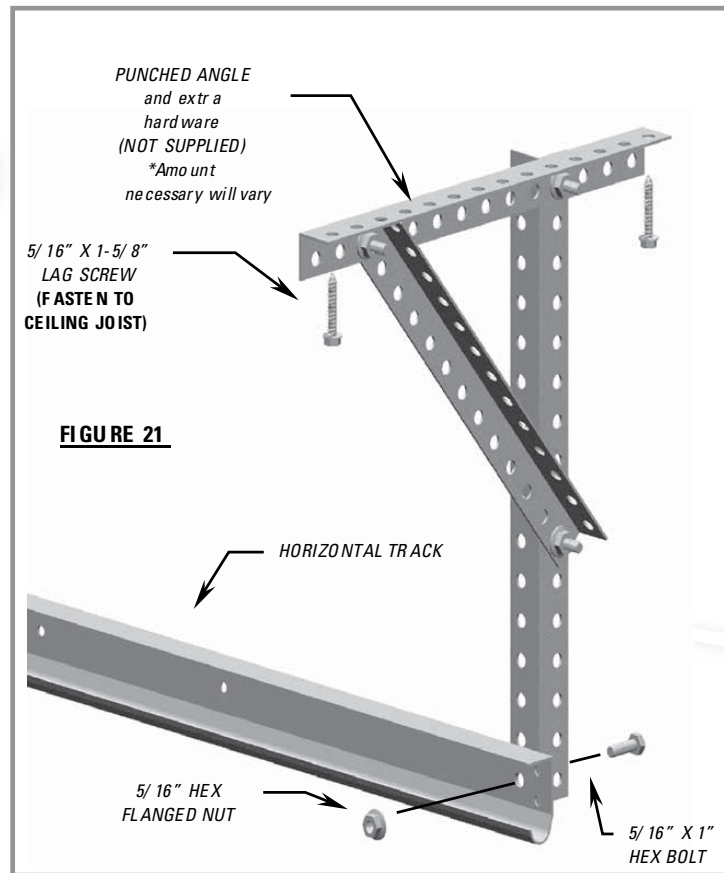
Test operate your door several times. Close it for the final steps.

### STEP 23

Install the screw eye into the right hand jamb approximately 36" off the floor. Tie one end of the provided rope to this screw eye and the other end to the roller in the bottom fixture. This rope will help make closing the door manually easier. **CAUTION: If an electric door operator is used on your door it is recommended that the pull rope not be installed.** See Figure 22

### STEP 24

Check end of sections to make sure they stand in a straight line. Adjust the top fixtures if needed. Reposition doorstops if necessary and nail them permanently in place. Nails should be spaced approximately 6-8 inches apart. Doorstops should be tight enough to provide a seal against the door but not so snug to impair the operation of the door. A light rubbing of paraffin wax on the rubber flap of the doorstop provides smoother door operation.



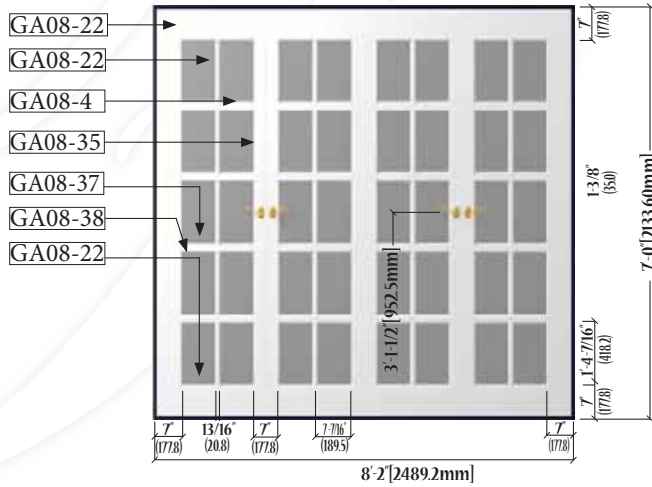
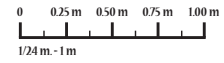
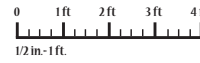




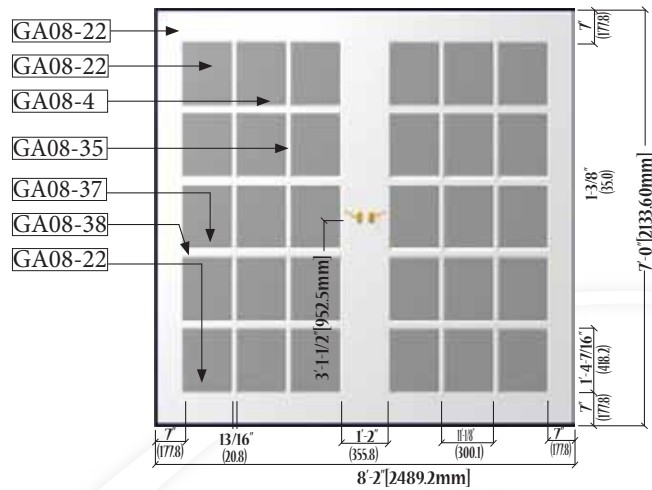




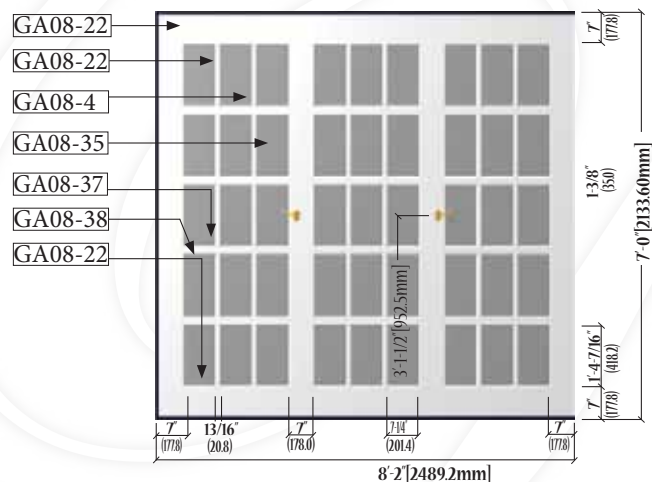
## Overhead French Style Garage Doors



**Kendra**  
K 8x7



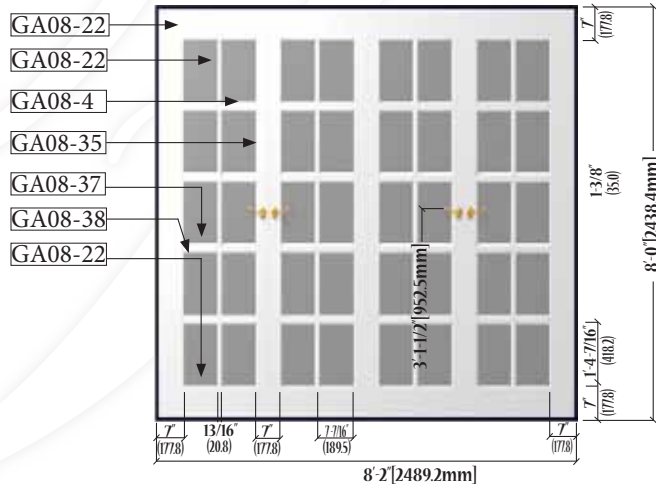
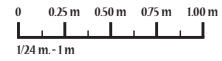
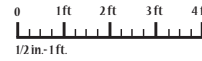
**Jennifer**  
J 8x7



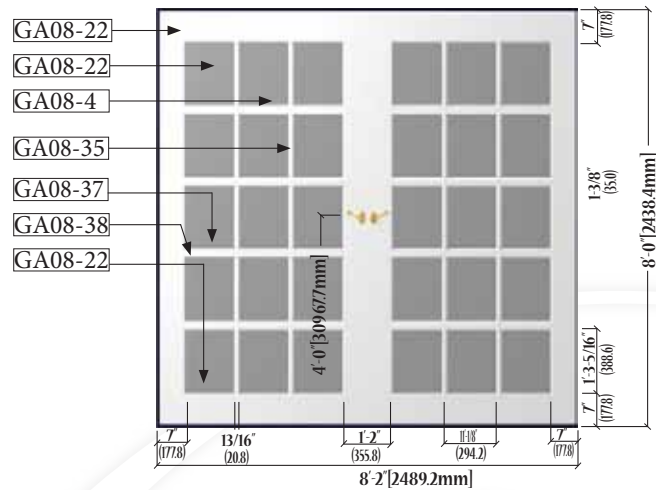
**Madeleine**  
M 8x7



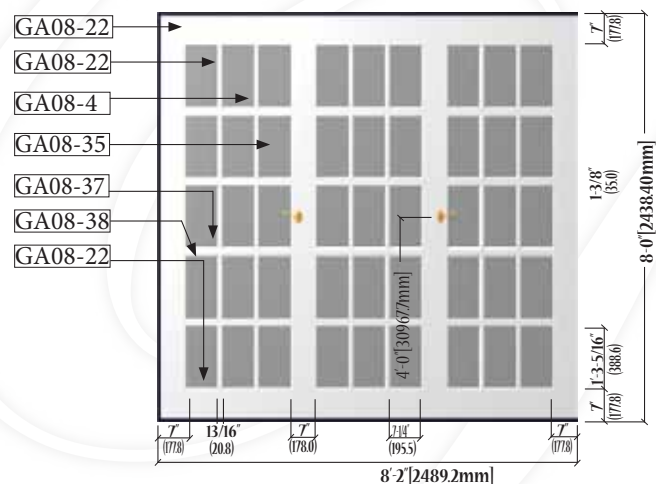
## Overhead French Style Garage Doors



**Kendra**  
K 8'x8'



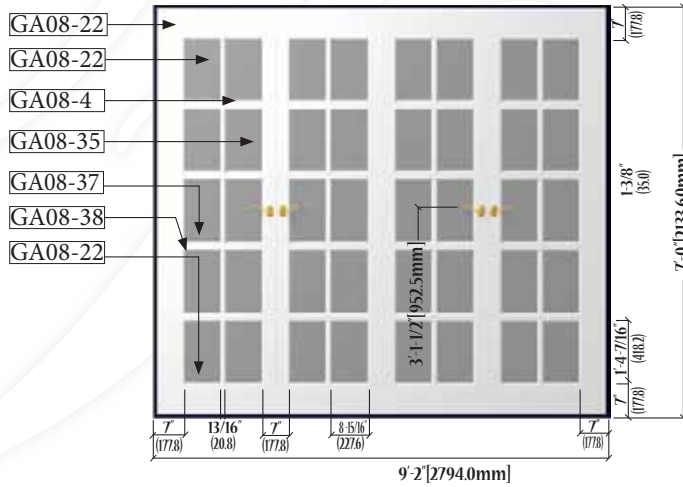
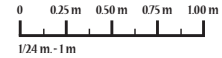
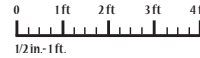
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J 8'x8'



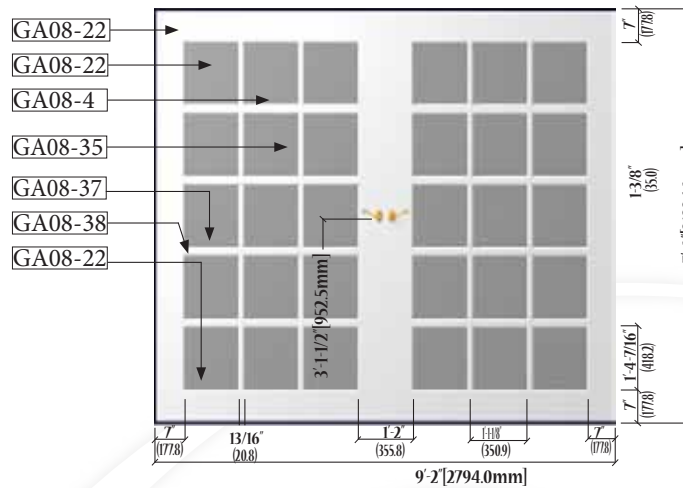
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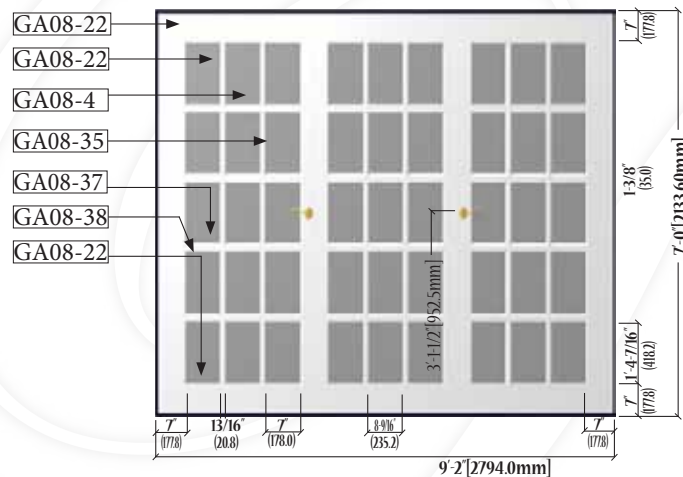
## Overhead French Style Garage Doors



**Kendra**  
K 9'x7'



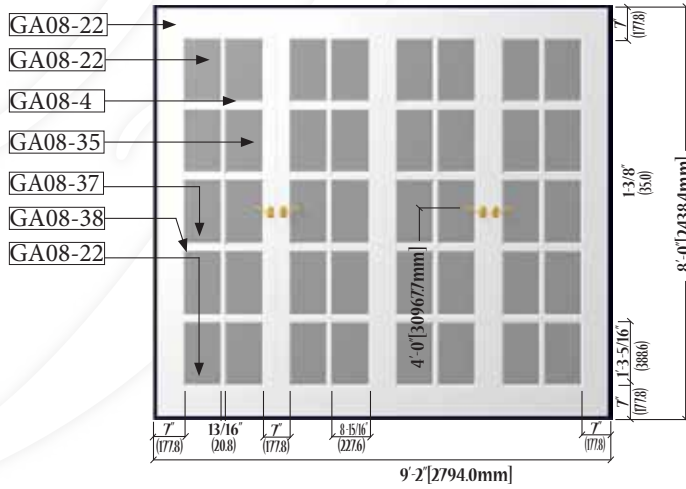
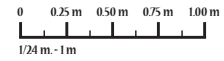
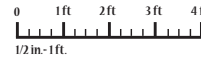
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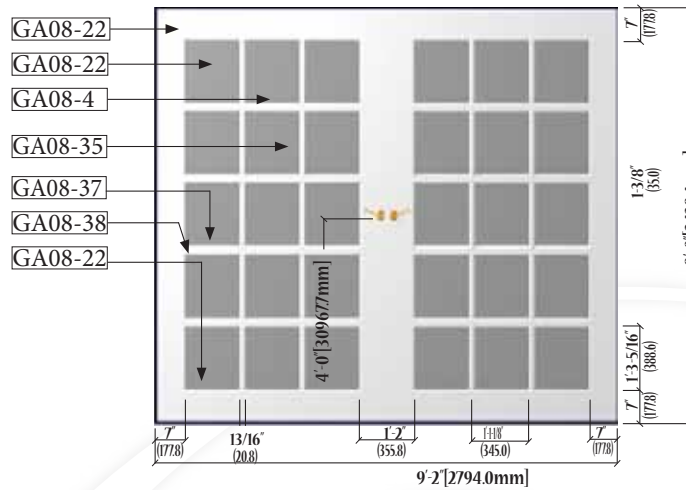
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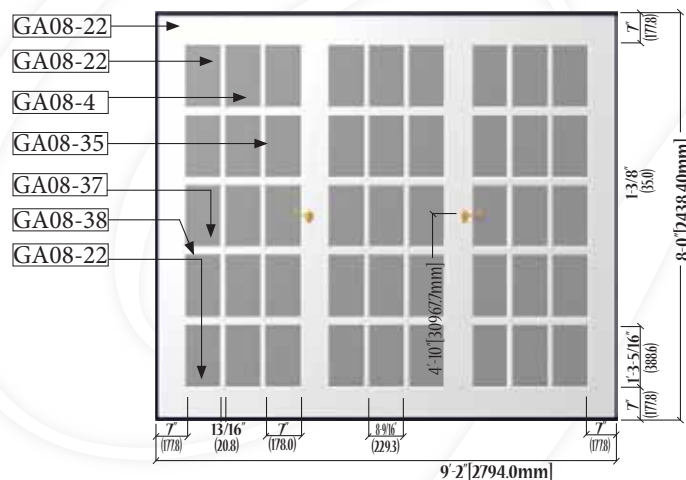
## Overhead French Style Garage Doors



**Kendra**  
K 9'x8'



**Jennifer**  
J 9'x8'

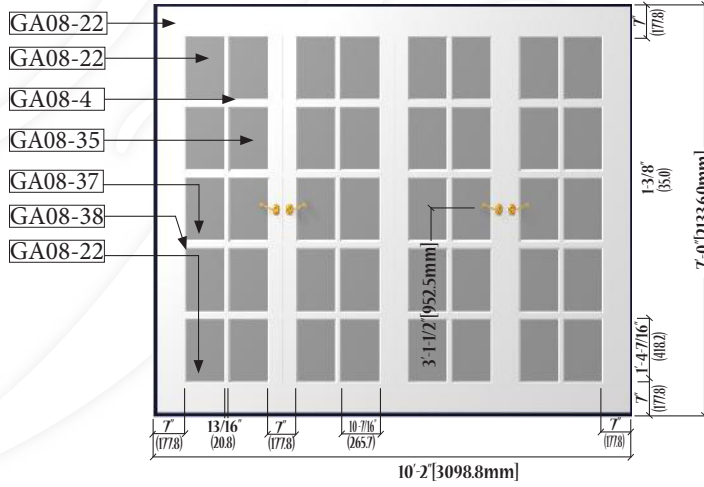
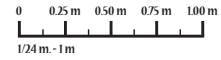
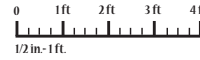


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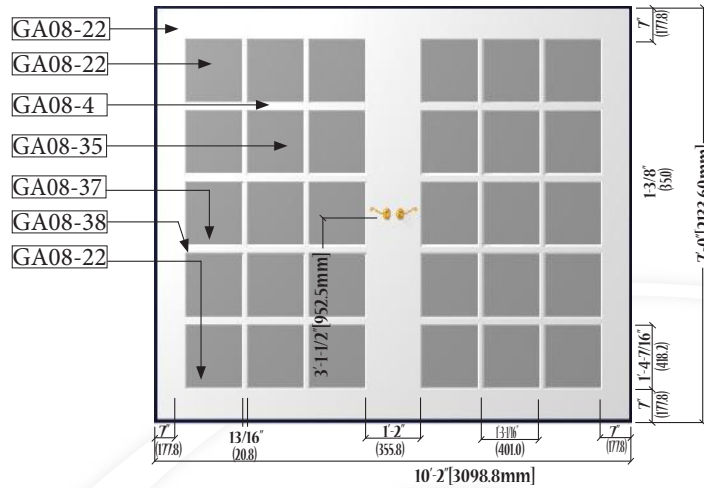




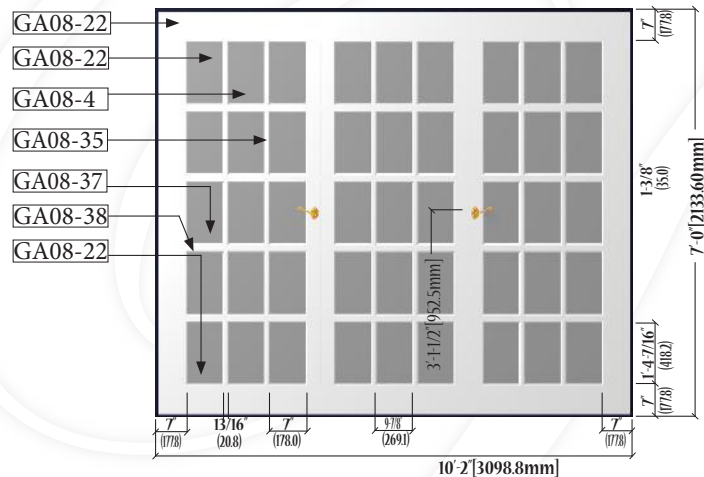
## Overhead French Style Garage Doors



**Kendra**  
K 10'x7'



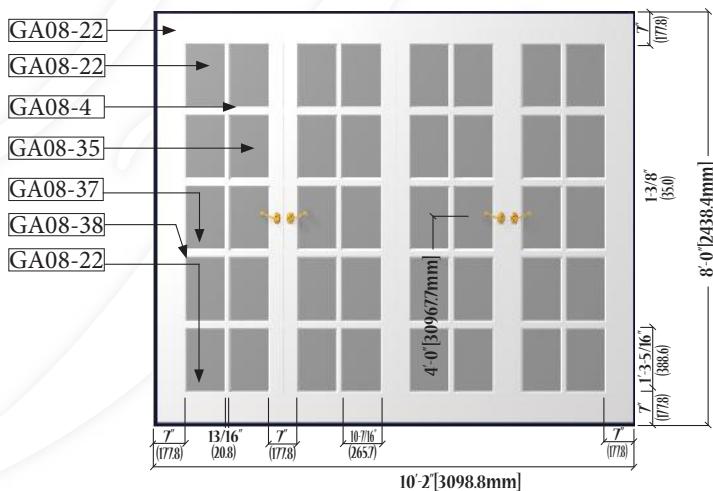
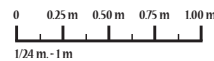
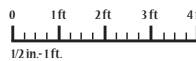
**Jennifer**  
J 10'x7'



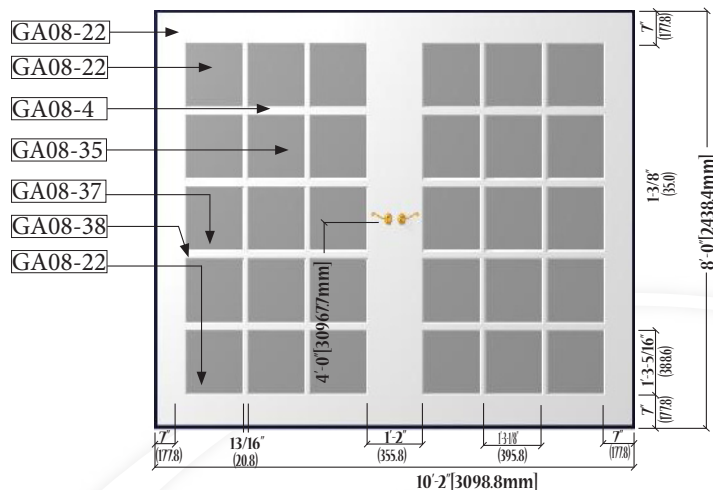
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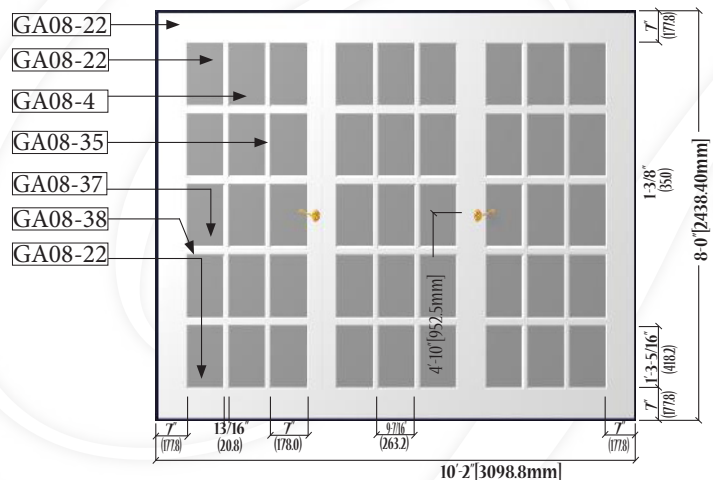
## Overhead French Style Garage Doors



**Kendra**  
K 10'x8'



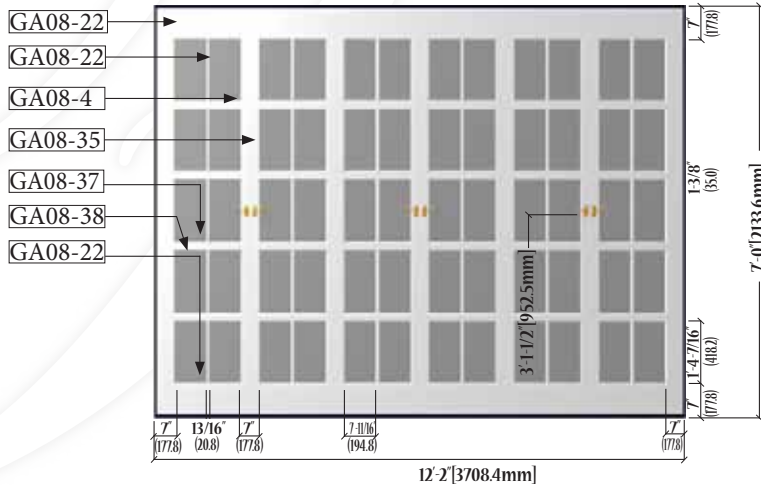
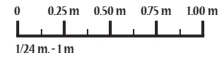
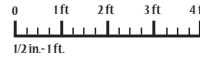
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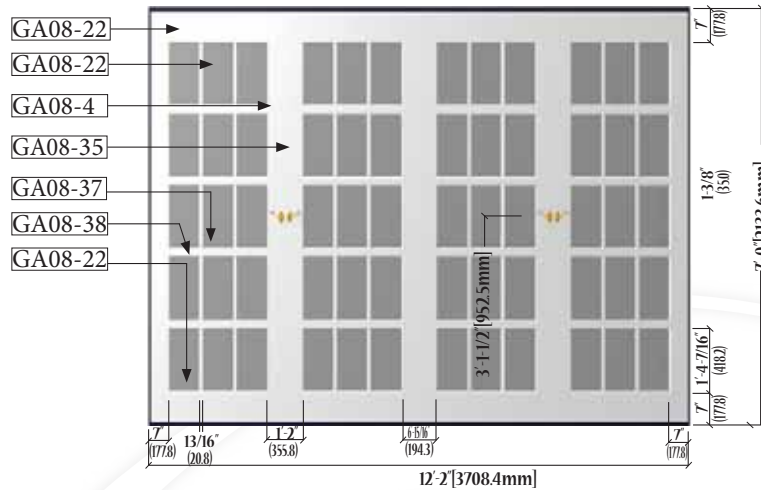
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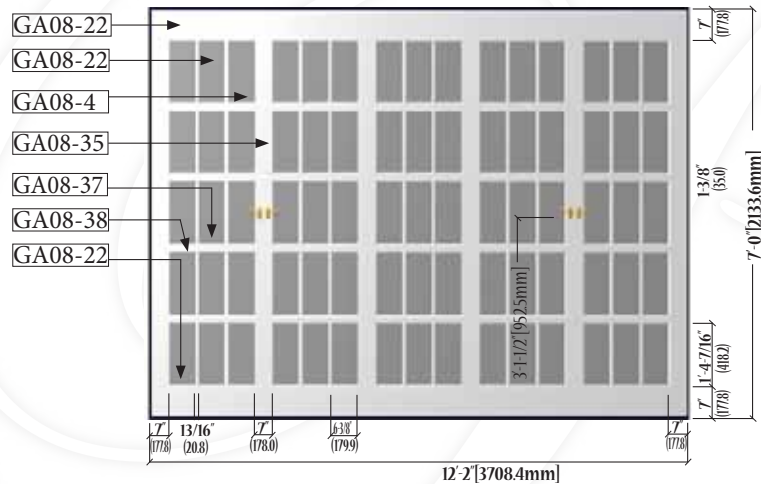
## Overhead French Style Garage Doors



**Kendra**  
K 12'x7'



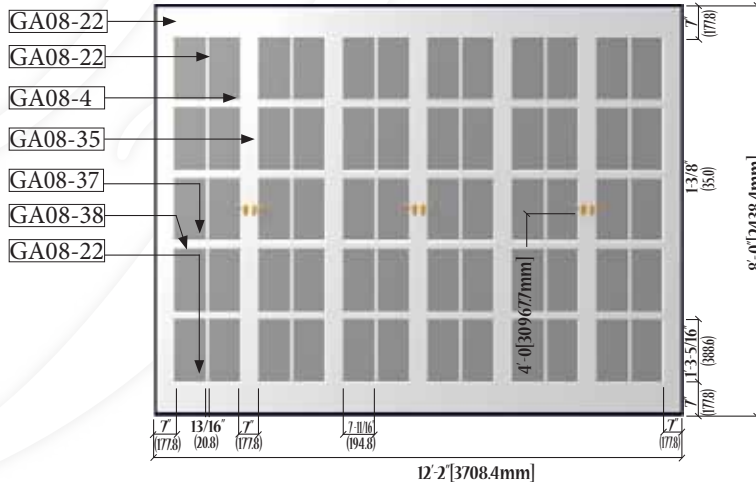
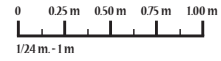
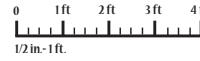
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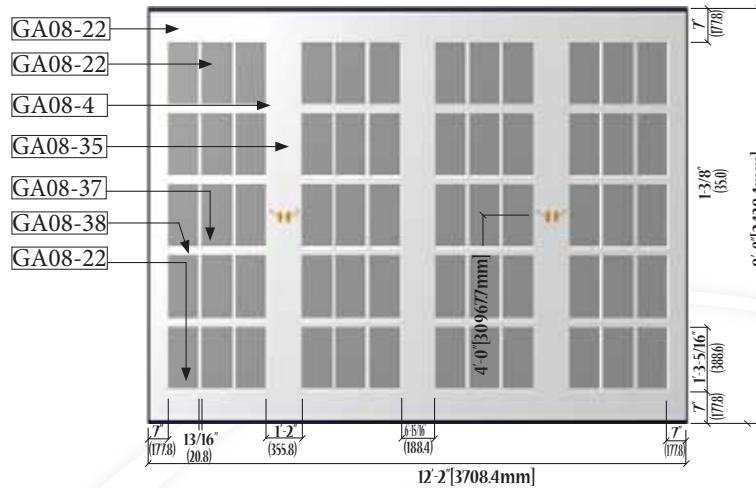
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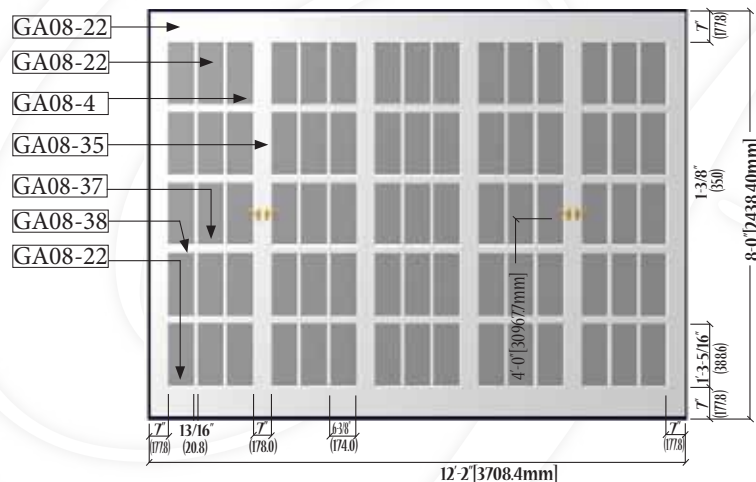
## Overhead French Style Garage Doors



**Kendra**  
K 12'x8'



**Jennifer**  
J 12'x8'

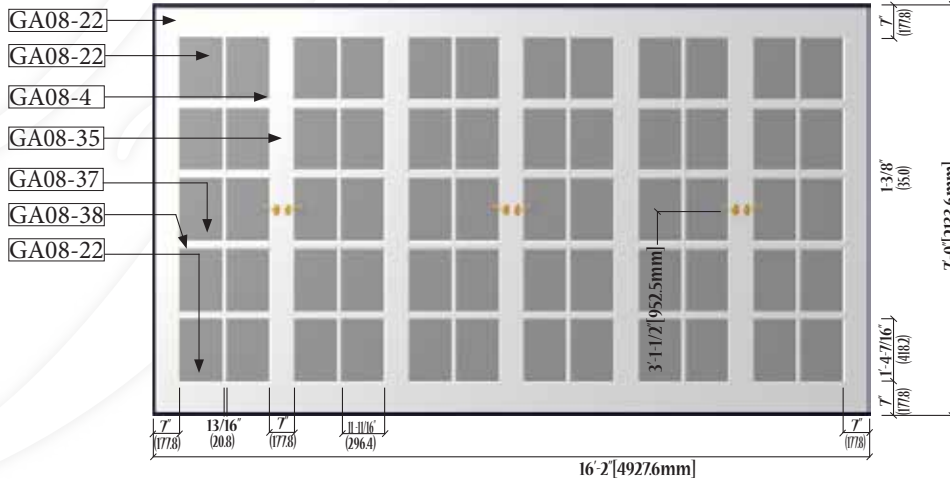
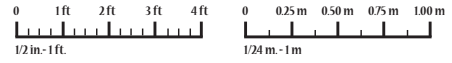


**Madeleine**  
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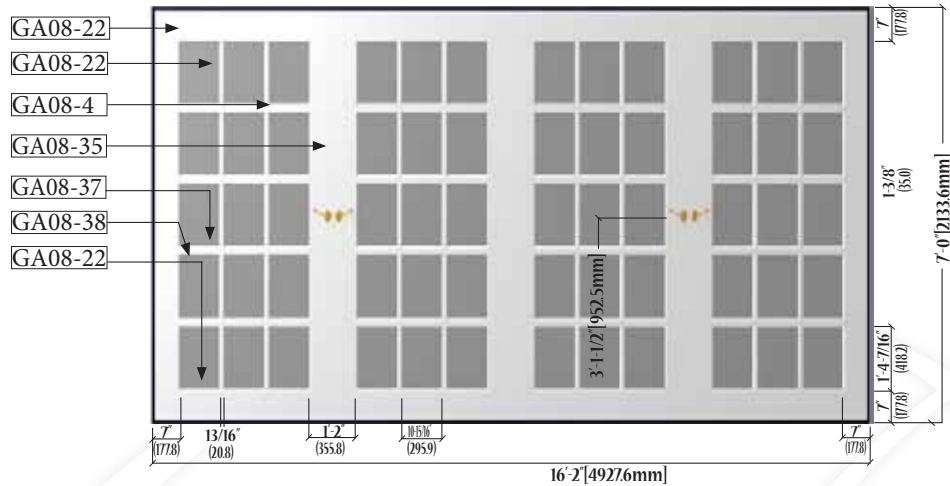




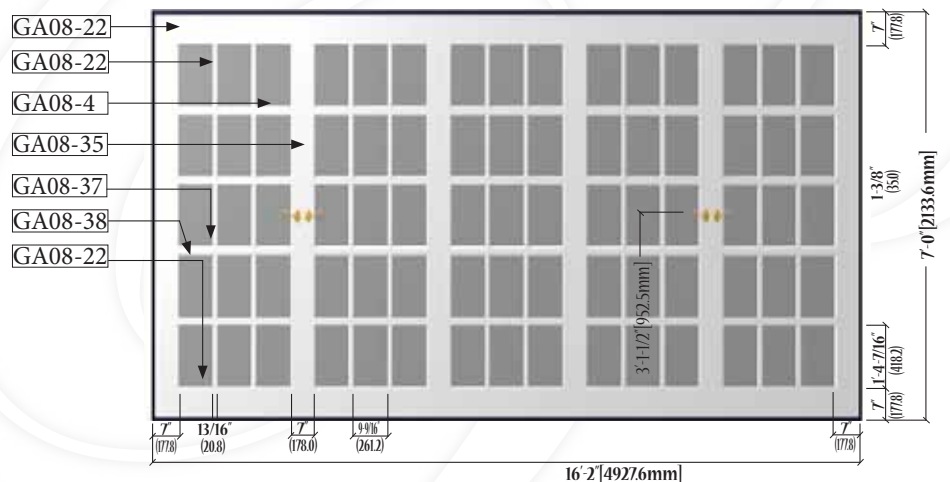
## Overhead French Style Garage Doors



**Kendra**  
K 16'x7'



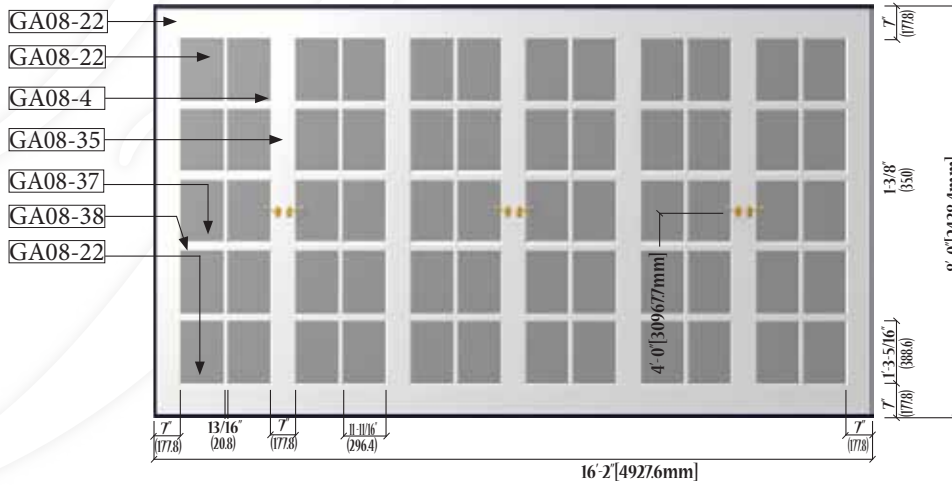
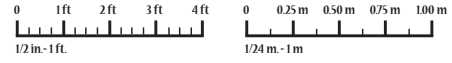
**Jennifer**  
J 16'x7'



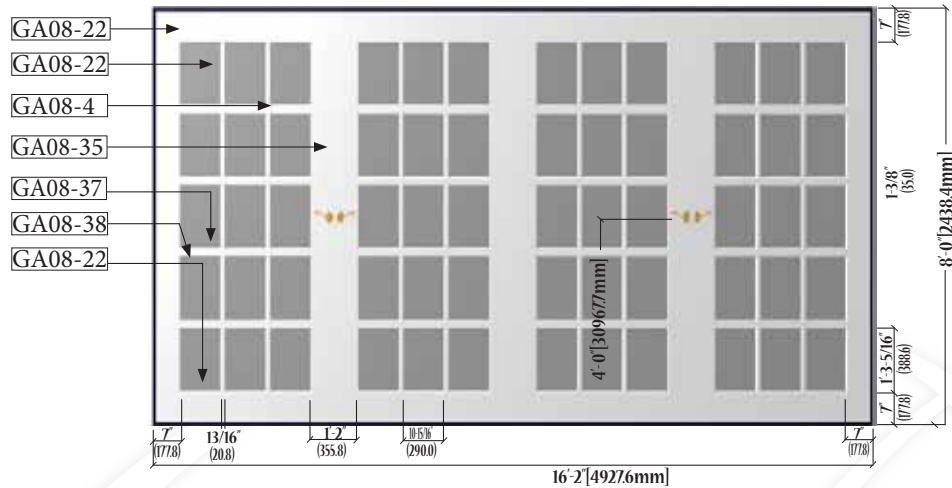
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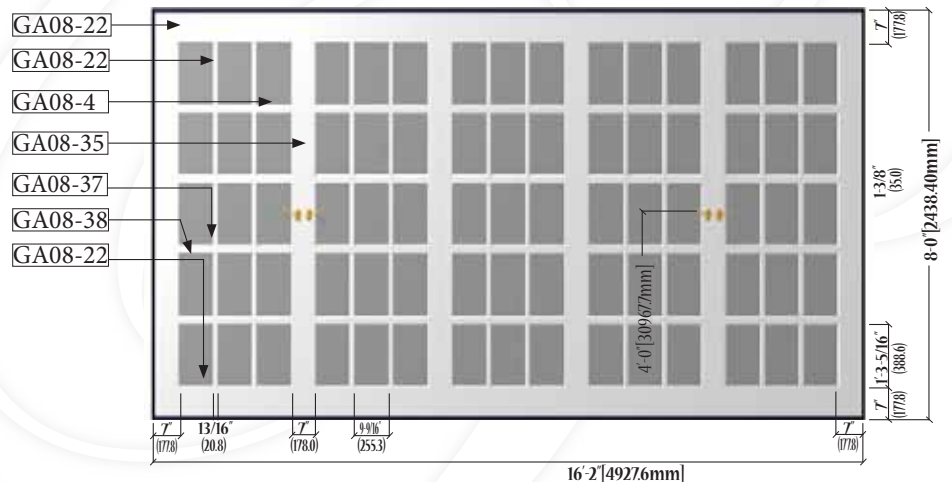
## Overhead French Style Garage Doors



**Kendra**  
K 16'x8'



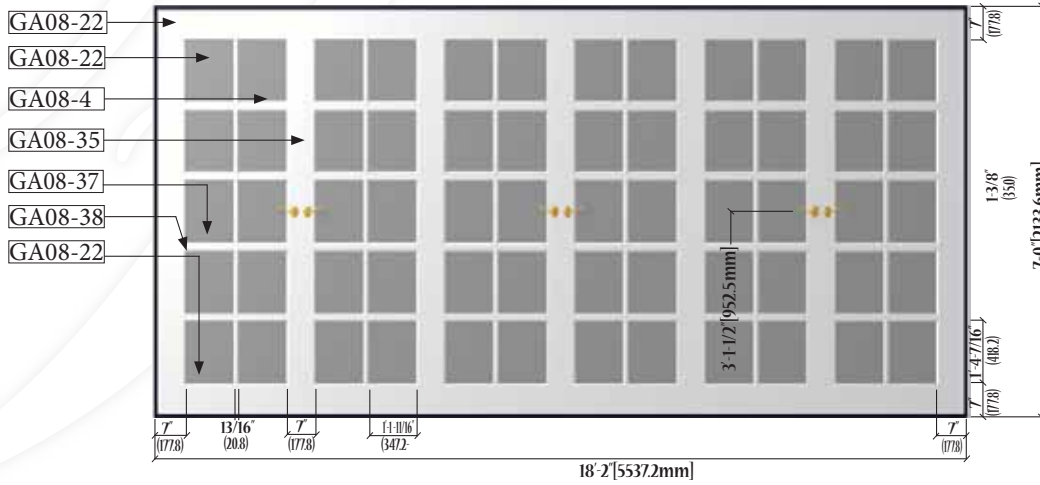
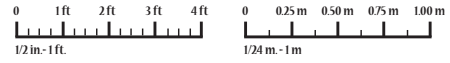
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J 16'x8'



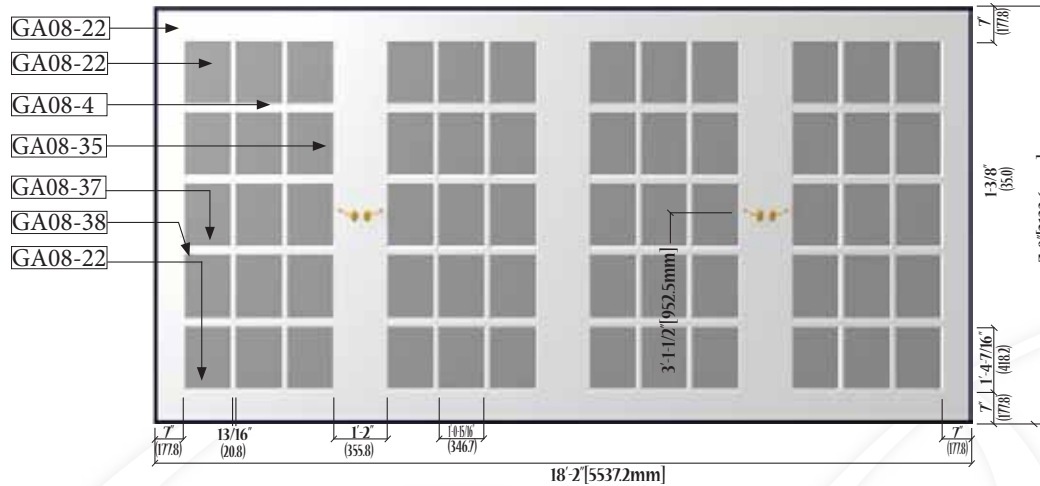
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M 16'x8'



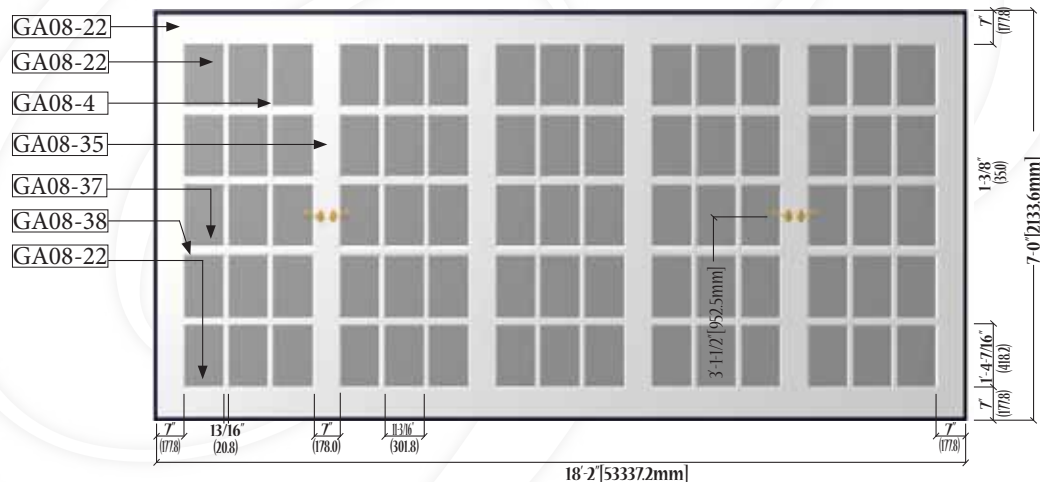
## Overhead French Style Garage Doors



**Kendra**  
K 18'x7'



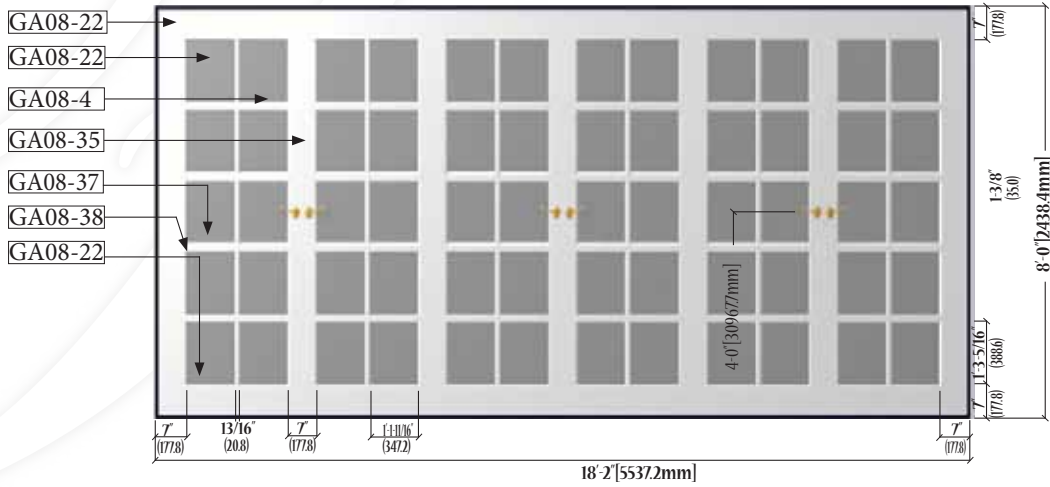
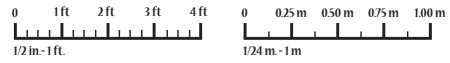
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J 18'x7'



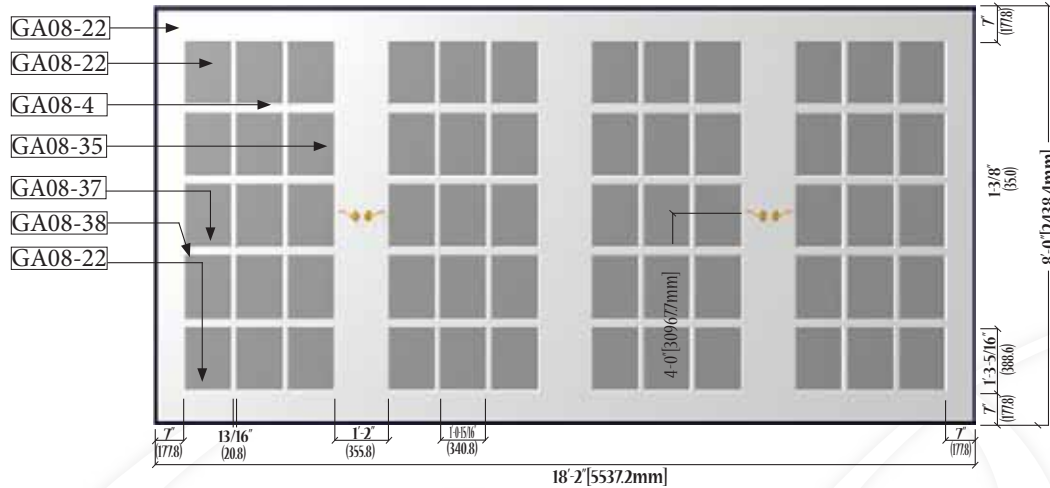
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M 18'x7'



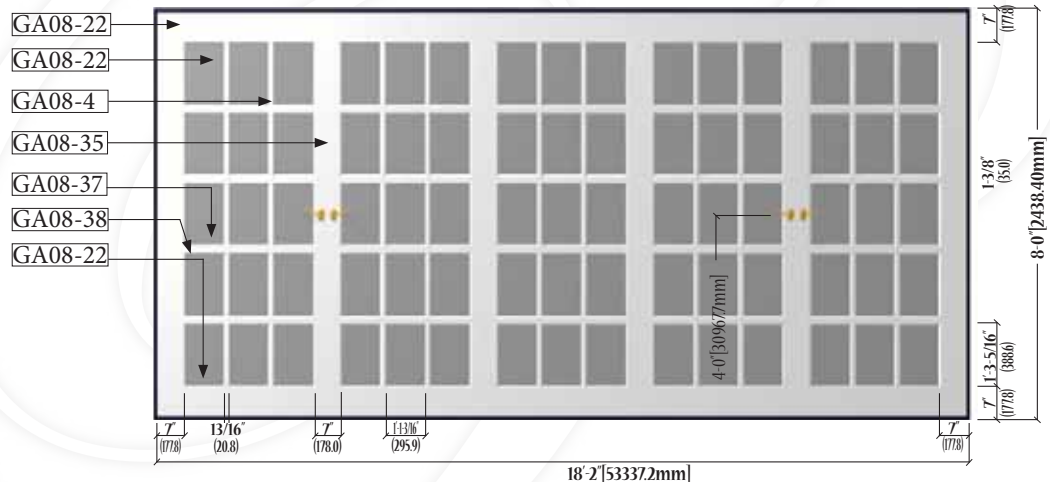
## Overhead French Style Garage Doors



**Kendra**  
K 18'x8'



**Jennifer**  
J 18'x8'



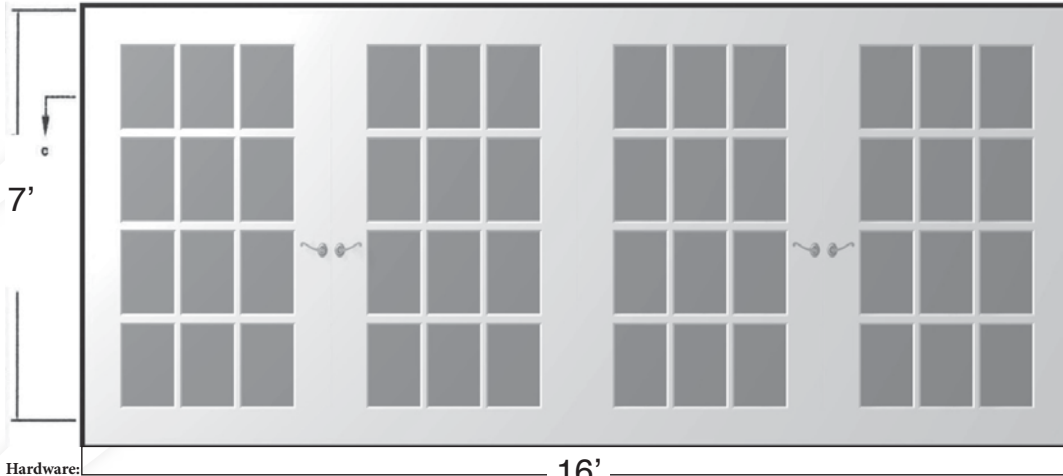
**Madeleine**  
M 18'x8'





## Overhead French Style Garage Doors

### Jennifer® Sample Wind Load Test



Description	Quantity	Location
A-Frame bracket with roller	2	Top panel, 5" from the head secure with 1/4" x 3/4" long hex head self drilling screws. The adjustable roller will secure with two 1/4" x 5/8" long trust head bolts with flange nuts.

**Drainage:** No drainage was utilized.

**Track Description:** The track was constructed from 14 gauge galvanized steel. The elbow track was secured to the vertical track using a vertical and horizontal brace. The vertical brace was secured to the top of the vertical track with four spot welds and secured to the elbow track with two 1/4" x 1/2" long flat head carriage bolts with flange nuts. The horizontal brace was secured to the elbow track with one 1/4" x 1/2" long flat head carriage bolt with flange nut and secured to the vertical brace on an adjustable slot with one 1/4" x 3/4" long carriage bolt with nut. The vertical track utilized "L" shaped installation brackets secured to the track with four spot welds. Test Specimen #1 utilized installation brackets 13", 25-1/4", 44-1/4", and 59-1/4" from the sill. Test Specimen #2 utilized installation brackets located 12-1/2", 24-1/2", 44-1/2", 59-1/4", and 75" from the sill.

**Reinforcement:** Test Specimen #1 utilized a continuous roll-formed 0.044" thick galvanized steel strut at the top and bottom panel. The strut was secured with two 1/4" x 1" long hex head self drilling screws, located 1-1/2" and 51" from each end and midspan (five locations total).

**Installation:** The tracks were secured to the wood buck through the vertical brace at the top of the tracks using three 5/16" x 1-1/2" long lag screws. All installation brackets were secured to the wood buck using one 5/16" x 1-1/2" long lag screw per bracket.

**The Overhead French Garage Door Installation Guide Jennifer**

**Roller Carriers:**  
Labeled 1-4  
1- corresponds w/ bottom section  
2- corresponds w/ 2nd panel  
3- corresponds w/ 3rd panel  
4- corresponds w/ 4th panel

**Placement:**  
Edge of door 1/8" below strut  
Leaving enough room for bolt clearance on hinge

**Parts List**

Size	8"	x	7"
Weight	162 lb		
	QTY	TS	Bol / nut / L/W
Sections	4		
Hinges	9	18	18
BTRC	2	6	
RC#1	2	6	
RC#2	2	6	
RC#3	2	6	
RC#4	n/a	n/a	
TRC	2	8	
Rollers	10		

**Handle Placement:**  
Always ask customer preference. Industry standard 36" from floor. 7" door 2nd panel; 8" door 3rd panel

**NOTE:** Packaging: Box A contains Bottom panel, identifiable by strut running across the top, the FrenchPorte sticker on the bottom & the groove for the gasket. The top panel is also included in Box A and does not have a strut across the top of the panel. The Gasket is also included in this box. Box B contains the middle panels, which depending on the door size could have 2 panel or as many as 3.

**Handles:** ALWAYS ask customers preference when mounting handles. CHECK CLEARANCE BEFORE MOUNTING TO DOOR.

**Top Roller Carrier:** Place according to door alignment with track curvature, usually 3/4 of the way up on top panel.

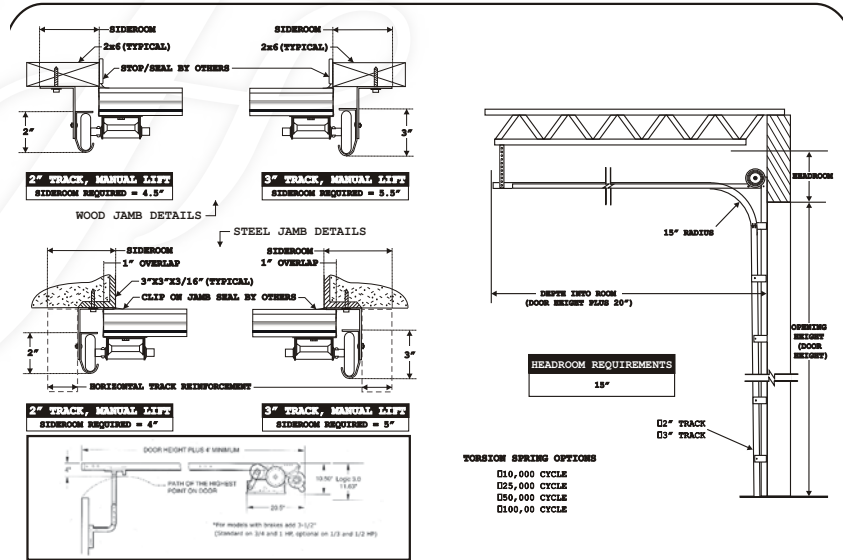
**Bottom Roller Carrier:** Place at bottom edge of the 1st panel

**Alignment of Door:** IMPORTANT to always check panel alignment w/panes, due to style of door alignment is very important. All Holes must be drilled (NO PREDRILLED HOLES). Always attach center hinge than outer. Once hinges are in place attach roller carrier to the lower panel (this will hold lower panel in place). Sections will FOLD into place at a 75 degree angle.

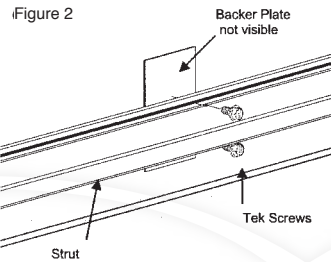
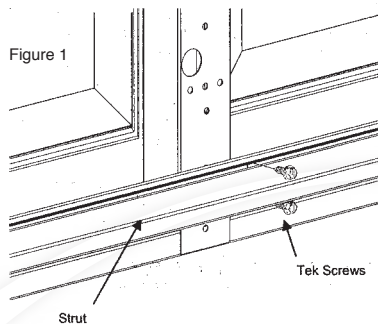


## Overhead French Style Garage Doors

### Jennifer® Sample Wind Load Test (cont.)



#### Top and Bottom Struts



Install the appropriate strut across the bottom of the door by locating each end on the bottom brackets as shown in Figure 4, secure in place with (2) self-drilling Tek screws. Secure the bottom strut to every intermediate stile as shown on Figure 1.

#### Top and Bottom Brackets

Figure 3

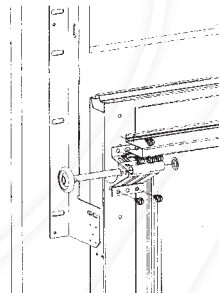
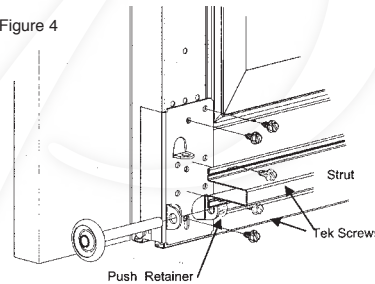


Figure 4



When attaching the bottom bracket to the end stiles, the Tek screws are left out until the lower strut is installed. Repeat the same steps for the top strut. Only two extra struts are needed for the FrenchPorte® double door and none are needed for the FrenchPorte® single door.



## Overhead French Style Garage Doors

### Madeleine®

#### SPRING INFO

	WGT. LB BEFORE PACKAGE	WGT. LB AFTER PACKAGE	HARDWARE WGT LB	TOTAL WGT. LB	I.D.	WIRE	LENGTH 12" RADIUS	LENGTH 15" RADIUS	LENGTH LHR RADIUS	TURNS 15" RADIUS	TURNS 12" RADIUS	TURNS LHR RADIUS	WGT 15" RADIUS	WGT 13" RADIUS	WGT LHR RADIUS
8' x 7'	160.72	220.24	13.875	174.595	2	.2070	20.05	21.25	19.25	7.9	7.6	7.2	6.79	6.54	6.17
					1.75	.2070	23	23.75	21.75	7.9	7.6	7.2	6.75	6.5	6.13
8' x 8'	187.83	247.36	16.625	204.455	2	.2180	52.5	26.25	24.25	8.8	8.5	8.1	8.94	8.66	8.23
					1.75	.2187	28.5	29.5	27.25	8.8	8.5	8.1	8.89	8.61	8.19
9' x 7'	167.55	231.49	13.875	181.425	2	.2070	19.75	20.5	18.75	7.9	7.6	7.2	6.57	6.34	5.98
					1.75	.2070	22.25	23	21	7.9	7.6	7.2	6.54	6.3	5.94
9' x 8'	203.71	267.64	16.625	220.335	2	.2253	27.25	28.25	26	8.8	8.5	8.1	9.89	9.58	9.1
					1.75	.2253	30.5	31.5	29	8.8	8.5	8.1	9.84	9.53	9.06
10' x 7'	175.49	246.04	13.875	189.365	2	.2187	24.75	25.5	23.25	7.9	7.6	7.2	8.69	8.37	7.89
					1.75	.2187	27.75	28.75	26	7.9	7.6	7.2	8.64	8.33	7.85
10' x 8'	216.05	286.6	16.625	232.675	2	.2253	25.75	26.75	24.5	8.8	8.5	8.1	9.36	9.06	8.62
					1.75	.2253	29	30	27.5	8.8	8.5	8.1	9.31	9.02	8.57
12' x 7'	190.26	274.03	17.313	207.573	2	.2187	22.5	23.25	21.25	7.9	7.6	7.2	7.93	7.64	7.2
					1.75	.2187	25.25	26.25	23.75	7.9	7.6	7.2	7.89	7.6	7.16
12' x 8'	244.27	328.05	20.688	264.958	2	.2343	27.5	28.5	26.25	8.8	8.5	8.1	10.4	10.07	9.57
					1.75	.2343	30.75	31.75	29.25	8.8	8.5	8.1	10.35	10.02	9.53
14' x 7'	205.03	298.73	17.313	222.343	2	.2253	24.25	25.25	23	7.9	7.6	7.2	8.86	8.53	8.05
					1.75	.2253	27.25	28.25	25.75	7.9	7.6	7.2	8.81	8.49	8
14' x 8'	272.49	366.19	20.688	293.178	2	.2437	30	31	28.5	8.8	8.5	8.1	11.88	11.51	10.94
					1.75	.2437	33.75	34.75	32	8.8	8.5	8.1	11.83	11.46	10.89
15' x 7'	285.85	389.47	17.313	303.163	2	.2500	29.5	30.75	27.75	7.9	7.6	7.2	12.06	11.62	10.96
					1.75	.2500	33	34.25	31.25	7.9	7.6	7.2	12.01	11.57	10.9
15' x 8'	332.39	436.01	20.688	353.078	2	.2625	35.75	37	34	8.8	8.5	8.1	15.34	14.86	14.12
					1.75	.2625	40	41.25	38	8.8	8.5	8.1	15.28	14.8	14.06
16' x 7'	298.15	408.38	17.313	315.463	2	.2500	28.5	29.5	26.75	7.9	7.6	7.2	11.62	11.2	10.56
					1.75	.2500	31.75	33	30	7.9	7.6	7.2	11.57	11.14	10.5
16' x 8'	371.63	495.09	20.688	392.318	2	.2730	39	40.25	37	8.8	8.5	8.1	17.45	16.9	16.06
					1.75	.2730	43.5	45	41.5	8.8	8.5	8.1	17.39	16.84	16
18' x 7'	322.76	446.22	17.313	340.073	2	.2625	33.25	34.5	31.5	7.9	7.6	7.2	14.37	13.84	13.04
					1.75	.2625	37.25	38.75	35	7.9	7.6	7.2	14.31	13.78	12.98
18' x 8'	377.48	500.93	20.688	398.168	2	.2730	38.25	39.5	36.5	8.8	8.5	8.1	17.2	16.66	15.83
					1.75	.2730	43	44.25	40.75	8.8	8.5	8.1	17.13	16.59	15.76

#### PARTS LIST

	WGT. LB BEFORE PACKAGE	WGT. LB AFTER PACKAGE	HARDWARE WGT LB	TOTAL WGT. LB	HINGES	TS/HINGES	SCREW/NUT/LW	BTC PAIR	TS/BTC	RC1 PAIR	RC2 PAIR	RC3 PAIR	RC4 PAIR	TS/RC	TRC PAIR	TS/TRC
8' x 7'	160.72	220.24	13.875	174.6	12	24	24	✓	6	✓	✓	✓		18	✓	8
8' x 8'	187.83	247.36	16.625	204.46	16	32	32	✓	6	✓	✓	✓	✓	24	✓	8
9' x 7'	167.55	231.49	13.875	181.43	12	24	24	✓	6	✓	✓	✓		18	✓	8
9' x 8'	203.71	267.64	16.625	220.34	16	32	32	✓	6	✓	✓	✓	✓	24	✓	8
10' x 7'	175.49	246.04	13.875	189.37	12	24	24	✓	6	✓	✓	✓		18	✓	8
10' x 8'	216.05	286.6	16.625	232.68	16	32	32	✓	6	✓	✓	✓	✓	24	✓	8
12' x 7'	190.26	274.03	17.313	207.57	18	36	36	✓	6	✓	✓	✓		18	✓	8
12' x 8'	244.27	328.05	20.688	264.96	24	48	48	✓	6	✓	✓	✓	✓	24	✓	8
14' x 7'	205.03	298.73	17.313	222.34	18	36	36	✓	6	✓	✓	✓		18	✓	8
14' x 8'	272.49	366.19	20.688	293.18	24	48	48	✓	6	✓	✓	✓	✓	24	✓	8
15' x 7'	285.85	389.47	17.313	303.16	18	36	36	✓	6	✓	✓	✓		18	✓	8
15' x 8'	332.39	436.01	20.688	353.08	24	48	48	✓	6	✓	✓	✓	✓	24	✓	8
16' x 7'	298.15	408.38	17.313	315.46	18	36	36	✓	6	✓	✓	✓		18	✓	8
16' x 8'	371.63	495.09	20.688	392.32	24	48	48	✓	6	✓	✓	✓	✓	24	✓	8
18' x 7'	322.76	446.22	17.313	340.07	18	36	36	✓	6	✓	✓	✓		18	✓	8
18' x 8'	377.48	500.93	20.688	398.17	24	48	48	✓	6	✓	✓	✓	✓	24	✓	8

TS Tap Screw

BTC Bottom Roller Carrier

RC Roller Carrier

TRC Top Roller Carrier



## Overhead French Style Garage Doors

### Jennifer®

### SPRING INFO

	WGT. LB BEFORE PACKAGE	WGT. LB AFTER PACKAGE	HARDWARE WGT LB	TOTAL WGT. LB	I.D.	WIRE	LENGTH 12" RADIUS	LENGTH 15" RADIUS	LENGTH LHR RADIUS	TURNS 15" RADIUS	TURNS 12" RADIUS	TURNS LHR RADIUS	WGT 15" RADIUS	WGT 13" RADIUS	WGT LHR RADIUS
8' x 7'	148.59	208.12	12.938	161.53	2	.2070	22	22.75	20.75	7.9	7.6	7.2	7.31	7.04	6.64
					1.75	.2070	24.75	25.75	23.25	7.9	7.6	7.2	7.27	7	6.6
8' x 8'	172.84	232.37	15.375	188.22	2	.2187	27.5	28.5	26.25	8.8	8.5	8.1	9.66	9.36	8.9
					1.75	.2187	31	32	29.5	8.8	8.5	8.1	9.62	9.32	8.85
9' x 7'	162.26	226.19	12.938	175.2	2	.2070	20.5	21.25	19.25	7.9	7.6	7.2	6.79	6.54	6.17
					1.75	.2070	23	23.75	21.75	7.9	7.6	7.2	6.75	6.5	6.13
9' x 8'	187.39	251.33	15.375	202.77	2	.2187	25.5	26.5	24.25	8.8	8.5	8.1	8.98	8.7	8.27
					1.75	.2187	28.75	29.75	27.25	8.8	8.5	8.1	8.94	8.65	8.22
10' x 7'	185.3	255.85	12.938	198.24	2	.2187	23.5	24.5	22.25	7.9	7.6	7.2	8.31	8.01	7.55
					1.75	.2187	26.5	27.5	25	7.9	7.6	7.2	8.27	7.96	7.51
10' x 8'	197.97	268.52	15.375	213.35	2	.2187	24.5	25.5	23.25	8.8	8.5	8.1	8.57	8.31	7.9
					1.75	.2187	27.5	28.25	26	8.8	8.5	8.1	8.53	8.26	7.85
12' x 7'	222.01	305.78	16.375	238.39	2	.2343	27.5	28.5	25.75	7.9	7.6	7.2	10.41	10.03	9.46
					1.75	.2343	30.75	31.75	29	7.9	7.6	7.2	10.37	9.98	9.41
12' x 8'	257.72	341.5	19.438	277.16	2	.2437	31.75	32.75	30.25	8.8	8.5	8.1	12.54	12.15	11.54
					1.75	.2437	35.5	36.75	33.75	8.8	8.5	8.1	12.49	12.09	11.49
14' x 7'	258.71	352.41	16.375	275.09	2	.2437	28.75	29.75	27	7.9	7.6	7.2	11.41	10.99	10.36
					1.75	.2437	32.25	33.5	30.25	7.9	7.6	7.2	11.35	10.94	10.31
14' x 8'	317.47	411.16	19.438	336.91	2	.2625	37.5	38.5	35.5	8.8	8.5	8.1	16.05	15.54	14.77
					1.75	.2625	41.75	43.25	39.75	8.8	8.5	8.1	15.99	15.48	14.71
15' x 7'	312.7	416.32	16.375	329.08	2	.2625	34.25	35.75	32.5	7.9	7.6	7.2	14.83	14.28	13.46
					1.75	.2625	38.5	40	36.25	7.9	7.6	7.2	14.77	14.22	13.4
15' x 8'	332.9	436.52	19.438	352.34	2	.2625	35.75	37	34	8.8	8.5	8.1	15.39	14.9	14.16
					1.75	.2625	40.25	41.5	38.25	8.8	8.5	8.1	15.33	14.84	14.1
16' x 7'	300.58	410.81	16.375	316.96	2	.2500	28.25	29.5	26.75	7.9	7.6	7.2	11.55	11.13	10.5
					1.75	.2500	31.75	32.75	29.75	7.9	7.6	7.2	11.5	11.08	10.44
16' x 8'	348.33	458.56	19.438	367.77	2	.2730	41.5	42.75	39.25	8.8	8.5	8.1	18.55	17.97	17.07
					1.75	.2730	46.25	47.75	44	8.8	8.5	8.1	18.49	17.9	17.01
18' x 7'	324.96	448.42	16.375	341.34	2	.2625	33.25	34.5	31.25	7.9	7.6	7.2	14.33	13.8	13.01
					1.75	.2625	37.25	38.5	35	7.9	7.6	7.2	14.27	13.74	12.95
18' x 8'	379.19	502.65	19.438	398.63	2	.2950	44.25	45.75	42	8.8	8.5	8.1	21.62	20.94	19.89
					1.75	.2950	49.5	51	47	8.8	8.5	8.1	21.54	20.86	19.82

### PARTS LIST

	WGT. LB BEFORE PACKAGE	WGT. LB AFTER PACKAGE	HARDWARE WGT LB	TOTAL WGT. LB	HINGES	TS/HINGES	SCREW/NUT/LW	BTC PAIR	TS/BTC	RC1 PAIR	RC2 PAIR	RC3 PAIR	RC4 PAIR	TS/RC	TRC PAIR	TS/TRC
8' x 7'	148.59	208.12	12.938	161.53	9	18	18	✓	6	✓	✓	✓		18	✓	8
8' x 8'	172.84	232.37	15.375	188.22	12	24	24	✓	6	✓	✓	✓	✓	24	✓	8
9' x 7'	162.26	226.19	12.938	175.2	9	18	18	✓	6	✓	✓	✓		18	✓	8
9' x 8'	187.39	251.33	15.375	202.77	12	24	24	✓	6	✓	✓	✓	✓	24	✓	8
10' x 7'	185.3	255.85	12.938	198.24	9	18	18	✓	6	✓	✓	✓		18	✓	8
10' x 8'	197.97	268.52	15.375	213.35	12	24	24	✓	6	✓	✓	✓	✓	24	✓	8
12' x 7'	222.01	305.78	16.375	238.39	15	30	30	✓	6	✓	✓	✓		18	✓	8
12' x 8'	257.72	341.5	19.438	277.16	20	40	40	✓	6	✓	✓	✓	✓	24	✓	8
14' x 7'	258.71	352.41	16.375	275.09	15	30	30	✓	6	✓	✓	✓		18	✓	8
14' x 8'	317.47	411.16	19.438	336.91	20	40	40	✓	6	✓	✓	✓	✓	24	✓	8
15' x 7'	312.7	416.32	16.375	329.08	15	30	30	✓	6	✓	✓	✓		18	✓	8
15' x 8'	332.9	436.52	19.438	352.34	20	40	40	✓	6	✓	✓	✓	✓	24	✓	8
16' x 7'	300.58	410.81	16.375	316.96	15	30	30	✓	6	✓	✓	✓		18	✓	8
16' x 8'	348.33	458.56	19.438	367.77	20	40	40	✓	6	✓	✓	✓	✓	24	✓	8
18' x 7'	324.96	448.42	16.375	341.34	15	30	30	✓	6	✓	✓	✓		18	✓	8
18' x 8'	379.19	502.65	19.438	398.63	20	40	40	✓	6	✓	✓	✓	✓	24	✓	8

TS Tap Screw

BTC Bottom Roller Carrier

RC Roller Carrier

TRC Top Roller Carrier





## Overhead French Style Garage Doors

Kendra®

### SPRING INFO

	WGT. LB BEFORE PACKAGE	WGT. LB AFTER PACKAGE	HARDWARE WGT LB	TOTAL WGT. LB	I.D.	WIRE	LENGTH 12" RADIUS	LENGTH 15" RADIUS	LENGTH LHR RADIUS	TURNS 15" RADIUS	TURNS 12" RADIUS	TURNS LHR RADIUS	WGT 15" RADIUS	WGT 13" RADIUS	WGT LHR RADIUS
8' x 7'	166.67	226.19	16.375	183.05	2	.2070	19.5	20.25	18.5	7.9	7.6	7.2	6.51	6.27	5.91
					1.75	.2070	22	22.75	20.75	7.9	7.6	7.2	6.47	6.23	5.88
8' x 8'	188.94	248.46	19.438	208.38	2	.2187	25	25.75	23.75	8.8	8.5	8.1	8.77	8.5	8.08
					1.75	.2187	28	29	26.75	8.8	8.5	8.1	8.73	8.45	8.03
9' x 7'	175.93	239.86	16.375	192.31	2	.2187	24.25	25.25	23	7.9	7.6	7.2	8.56	8.24	7.77
					1.75	.2187	27.25	28.25	25.75	7.9	7.6	7.2	8.51	8.2	7.73
9' x 8'	204.08	268.02	19.438	223.52	2	.2253	26.75	27.75	25.5	8.8	8.5	8.1	9.72	9.41	8.95
					1.75	.2253	30	31	28.5	8.8	8.5	8.1	9.67	9.37	8.9
10' x 7'	185.19	255.74	16.375	201.57	2	.2187	23.25	24	21.75	7.9	7.6	7.2	8.15	7.85	7.41
					1.75	.2187	26	27	24.5	7.9	7.6	7.2	8.11	7.81	7.37
10' x 8'	219.21	289.75	19.438	238.65	2	.2343	30.25	31.25	28.75	8.8	8.5	8.1	11.48	11.12	10.57
					1.75	.2343	34	35.25	32.25	8.8	8.5	8.1	11.43	11.07	10.52
12' x 7'	203.71	287.48	19.813	223.52	2	.2253	24	25	22.75	7.9	7.6	7.2	8.78	8.46	7.98
					1.75	.2253	27	28	25.5	7.9	7.6	7.2	8.74	8.42	7.93
12' x 8'	244.56	328.33	23.5	268.06	2	.2437	32.75	33.75	31.25	8.8	8.5	8.1	12.95	12.54	11.92
					1.75	.2437	36.75	38	35	8.8	8.5	8.1	12.89	12.49	11.86
14' x 7'	222.23	315.92	19.813	242.04	2	.2343	27	28	25.5	7.9	7.6	7.2	10.25	9.87	9.31
					1.75	.2343	30.25	31.25	28.5	7.9	7.6	7.2	10.2	9.83	9.26
14' x 8'	274.83	368.52	23.5	298.33	2	.2500	33.5	34.5	31.75	8.8	8.5	8.1	13.57	13.5	12.49
					1.75	.2500	37.5	38.75	35.5	8.8	8.5	8.1	13.52	13.09	12.44
15' x 7'	280.43	384.05	19.813	300.24	2	.2500	29.75	31	28	7.9	7.6	7.2	12.18	11.73	11.06
					1.75	.2500	33.5	34.75	31.5	7.9	7.6	7.2	12.13	11.68	11.01
15' x 8'	321.87	425.49	23.5	345.37	2	.2625	36.5	37.75	34.75	8.8	8.5	8.1	15.69	15.19	14.44
					1.75	.2625	41	42.25	39	8.8	8.5	8.1	15.63	15.13	14.38
16' x 7'	291.01	401.24	19.813	310.82	2	.2500	28.75	30	27.25	7.9	7.6	7.2	11.77	11.34	10.69
					1.75	.2500	32.25	33.5	30.5	7.9	7.6	7.2	11.71	11.28	10.63
16' x 8'	335.1	445.33	23.5	358.6	2	.2625	35.25	36.25	33.5	8.8	8.5	8.1	15.1	14.62	13.89
					1.75	.2625	39.5	40.75	37.5	8.8	8.5	8.1	15.04	14.56	13.83
18' x 7'	317.02	440.48	19.813	336.83	2	.2625	33.5	34.75	31.75	7.9	7.6	7.2	14.49	13.96	13.16
					1.75	.2625	37.5	39	35.5	7.9	7.6	7.2	14.43	13.9	13.1
18' x 8'	386.91	510.37	23.5	410.41	2	.2830	44.25	45.75	42	8.8	8.5	8.1	20.64	19.99	18.99
					1.75	.2830	49.5	51	47	8.8	8.5	8.1	20.57	19.92	18.92

### PARTS LIST

	WGT. LB BEFORE PACKAGE	WGT. LB AFTER PACKAGE	HARDWARE WGT LB	TOTAL WGT. LB	HINGES	TS/HINGES	SCREW/NUT/LW	BTC PAIR	TS/BTC	RC1 PAIR	RC2 PAIR	RC3 PAIR	RC4 PAIR	TS/RC	TRC PAIR	TS/TRC
8' x 7'	166.67	226.19	16.375	183.05	15	30	30	✓	6	✓	✓	✓		18	✓	8
8' x 8'	188.94	248.46	19.438	208.38	20	40	40	✓	6	✓	✓	✓	✓	24	✓	8
9' x 7'	175.93	239.86	16.375	192.31	15	30	30	✓	6	✓	✓	✓		18	✓	8
9' x 8'	204.08	268.02	19.438	223.52	20	40	40	✓	6	✓	✓	✓	✓	24	✓	8
10' x 7'	185.19	255.74	16.375	201.57	15	30	30	✓	6	✓	✓	✓		18	✓	8
10' x 8'	219.21	289.75	19.438	238.65	20	40	40	✓	6	✓	✓	✓	✓	24	✓	8
12' x 7'	203.71	287.48	19.813	223.52	21	42	42	✓	6	✓	✓	✓		18	✓	8
12' x 8'	244.56	328.33	23.5	268.06	28	56	56	✓	6	✓	✓	✓	✓	24	✓	8
14' x 7'	222.23	315.92	19.813	242.04	21	42	42	✓	6	✓	✓	✓		18	✓	8
14' x 8'	274.83	368.52	23.5	298.33	28	56	56	✓	6	✓	✓	✓	✓	24	✓	8
15' x 7'	280.43	384.05	19.813	300.24	21	42	42	✓	6	✓	✓	✓		18	✓	8
15' x 8'	321.87	425.49	23.5	345.37	28	56	56	✓	6	✓	✓	✓	✓	24	✓	8
16' x 7'	291.01	401.24	19.813	310.82	21	42	42	✓	6	✓	✓	✓		18	✓	8
16' x 8'	335.1	445.33	23.5	358.6	28	56	56	✓	6	✓	✓	✓	✓	24	✓	8
18' x 7'	317.02	440.48	19.813	336.83	21	42	42	✓	6	✓	✓	✓		18	✓	8
18' x 8'	386.91	510.37	23.5	410.41	28	56	56	✓	6	✓	✓	✓	✓	24	✓	8

TS Tap Screw

BTC Bottom Roller Carrier

RC Roller Carrier

TRC Top Roller Carrier