



GARAGE DOORS | WELL DESIGNED • EASILY CUSTOMIZED • QUICK TO INSTALL

PERFORMANCE MADE SIMPLE

PARTS LIST FOR RESIDENTIAL DOORS

Here is a list of hardware components * for residential installations. This document identifies the different parts and validate the presence of these during installation.

* The pictures of parts in the table above are for illustrative purposes only and do not represent not the content of a particular door model. (Not real size)

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	<p>1/16 Nut (1/4" - 20) These nuts are used to connect, with track bolts, the horizontal and vertical tracks including the radius together.</p>
	<p>1/2 Nut (5/16" - 18) These nuts and frame bolts are used for installation vertical and horizontal tracks. These same nuts are also used with 1/2 hex head screws for installing end brackets.</p>
	<p>1/16 Nut (3/8" - 16) These nuts and the 1/16 Hex head screws are used for assembly pulleys and it's support when installing extension springs.</p>
	<p>Track Bolt (1/4" x 18 x 3/4") These bolts are used to connect the horizontal and vertical tracks including the radius together.</p>
	<p>Frame Bolt (5/16" x 16 x 3/4") These bolts and the 1/2 nuts are used to connect the horizontal and vertical tracks as well as the horizontal track bracing.</p>
	<p>1/2 Hex Head Bolt (5/16" x 18 x 3/4") These screws and the 1/2 nuts are used to install the horizontal track bracings. They are also used to join the horizontal track bracing to the horizontal track.</p>
	<p>1/16 Hex Head Bolt (3/8" x 16 x 1 1/2") When installing the extension springs, these screws along with the 1/16 nuts are used to install the pulleys.</p>

	<p>1/16 Lag Bolt (1/4" x 14 x 1 1/4") These screws are used to install the hinges at the ends of the panels, the side lock and the top and bottom brackets.</p>
	<p>1/16 Lag Bolt (3/16" x 1 x 1 1/2") These screws are used to secure vertical tracks and brackets that mount to the wall.</p>
	<p>1/16 Self-Drilling Screw (3/4" x 20 x 7/16") These screws are used to install the central hinges. The location of the hinges is identified by specific punches where the steel plates are located. These screws are also used for installing struts (when necessary).</p>
	<p>#2 Square Head Self-Drilling Screw (10 x 1") These screws are used to install the inner lifting handle.</p>
	<p>#2 Square Head Screw (8 x 1 1/8") These screws are used to install the weatherstripping on the wooden frame to prevent air infiltration.</p>
	<p>1/16 Threaded Open Eye Bolt When installing the extension springs, this hook is used to hang the spring on the horizontal track bracing.</p>
	<p>“S” Hook When installing the extension springs, this «S» hook allows the cables installed on the 3 holes plate to be hooked on the front horizontal angle.</p>

	<p>3" Pulley When installing the extension springs, the pulleys are used to pass cables that counterbalance the weight of the door.</p>
	<p>Pulley's Support When installing the extension springs, this bracket installed on the pulley allows the spring to be attached.</p>
	<p>3 Holes Plate When installing the extension springs, this part is used to join cable and «S» hook. It is possible to lengthen or tighten the length of the cable to adjust the tension in the mechanism.</p>
	<p>Lifting Cables /Cable Clamp / Stop Sleeve The lifting cables are the link between the bottom support and the drum, and serve to pull the door when it is opened. On one side of the cables there are cable clamp which are used to form a loop that will be hook onto the bottom bracket. On the other side are stop sleeves to easily fix the cable to the 400-8 drum.</p>
	<p>Top Brackets The top brackets are installed on the top panel (last panel). The brackets are adjustable to optimize the opening of the door.</p>
	<p>LHR Top Brackets When installing in a small space, these top brackets are installed on the top panel (last panel).</p>
	<p>Strut The restruts are installed on the interior side of the door in order to control the deflection of the door.</p>

	<p>14 Ga. Hinge This gauge is available for # 1, 2 and 3 hinges.</p>
	<p>18 Ga. Hinge These hinges are for economical residential use. This gauge is available for # 1, 2 and 3 hinges.</p>
	<p>Hinge #1 This hinge is located at the top ends of the bottom panel (panel # 1). It makes the first intersection seal (bottom to top) in the door. It is also used to make the central pivoting joint between each of the sections.</p>
	<p>Hinge #2 This hinge is located at the top ends of the barlock panel (panel # 2). It allows you to make the second intersection seal (bottom to top) in the door. The roller will be inserted into the cylinder furthest from the door to ensure optimal operation.</p>
	<p>Hinge #3 This hinge is located at the upper ends of the inter panel (panel # 3). It makes the third intersection seal (bottom to top) in the door. The roller will be inserted into the cylinder furthest from the door to ensure optimal operation.</p>
	<p>Bottom Brackets The bottom brackets are attached to the bottom of the door. They are used to tie lifting cables on each side.</p>
	<p>LHR Bottom Brackets This bottom support is designed specifically for situations where there is a lack of space above the door which you'll need to use hardware adapted to this situation.</p>

	<p>Black Nylon Roller These rollers without ball bearings are inserted into the screwed hinges at the ends of the panels and roll in the tracks when opened and closing the door.</p>
	<p>White Nylon Roller These rollers with ball bearings are inserted into the screwed hinges at the ends of the panels and roll in the tracks when opened and closing the door.</p>
	<p>Exterior Clip The angles are welded to the vertical tracks and are used to fix the rtracks to the wall on a wooden frame.</p>
	<p>Interior Clip The angles are welded to the vertical tracks and are used to secure the tracks to the wall on a steel frame.</p>
	<p>Exterior Continuous Angles Used to fix the vertical tracks to the wall on a wooden frame. The continuous angle gives solidity during installation.</p>
	<p>Interior Continuous Angles Used to fix the vertical track to the wall on a steel frame. The continuous angle gives solidity during installation.</p>
	<p>Perforated Angle struts Perforated angles are used to make the horizontal track bracings that holds back the tracks to the ceiling as well as electrical operators.</p>

	<p>End Bearing Plate These brackets installed with screws on the horizontal tracks as well as on the wall are used to insert the steel tube or shaft inside the ball bearing.</p>
	<p>400-8 Drums The drums are used to wind the cables attached to them during the process of lifting the door.</p>
	<p>Hollow Steel Tube Shaft It is used to transmit energy between the spring (s) to the drums to move the door. The torsion spring will be installed and locked on the steel tube.</p>
	<p>Torsion Spring The torsion spring assembly mounted on a steel tube produces energy to counter-balance the weight of the door and thus gives tension to the drums to pull the cables that go up the door through the bottom bracket. MUCH CARE SHOULD BE TAKEN WHEN WINDING SPRINGS</p>
	<p>Extension Spring Extension springs are located on either side of the horizontal tracks and pull the cables that pull the door through the bottom bracket. The cables pass through a pulley before going to the supports.</p>
	<p>Security Cables These cables are attached by their eyelet to the «S» hook to pass inside the extension spring. The other end is attached to the inside of the rear support. These cables have the function of holding the pieces of the extension spring if it should break.</p>
	<p>Top Weatherstrip with PVC Retainer The top weatherstrip is installed on rigid PVC and is nailed on the top from the top panel.</p>



Reinforced Top Moulding with Weatherstrip

The top weatherstrip with retainer is installed at the top of the door and makes the seal between the wall and the door to ensure a good seal between them.



Reinforced Top Moulding

An aluminum reinforced molding that serves to reinforce the top section of the door and is often used in cases where windows are installed in the top section. In addition, it is possible to insert a weatherstripping.



PVC Weatherstrip

Peripheral weatherstripping installed on the wooden frame and preventing air infiltration between the door and the frame.



Aluminum and elastomer TPE Hybrid Weatherstrip

Peripheral weatherstripping installed on the wooden frame and preventing air infiltration between the door and the frame.



Commercial Weatherstrip

Peripheral commercial weatherstripping are installed on the wood or steel frame. They prevent air infiltration between the door and the frame. Sometimes it's used in residential type installations.



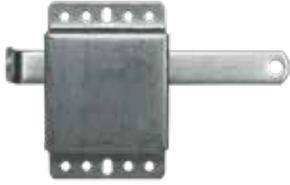
INTERIOR PVC Lifting Handle

Lifting handles are installed in the bottom panel and / or barlock and used to open and close the door when it is not motorized.



EXTERIOR PVC Lifting Handle (optional)

Lifting handles are installed in the bottom panel and / or barlock and used to open and close the door when it is not motorized.

**Side Lock**

The side lock is installed on the side of the door, the rod bar slide in a hole on the track. You can also insert a padlock for more security.

**Cable Lock**

Allows the user to unlock the door from the outside with a central handle as well as a key lock. The link between the handle and the side locks is made by a steel cable.

**Rod Lock**

Allows the user to unlock the door from the outside with a central handle as well as a key lock. The link between the handle and the side locks is made by a steel rod.