

## Garage Door Glossary

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### Garage door opener

The garage door opener is usually electric and enables the automatic operation of garage doors. Its power will be determined by the power of its motor and this will also determine the speed with which the door is moving. It's plugged into the socket and must have safety sensors for the protection of people from accidents. There are also solar openers, which are activated by solar energy collected in the central unit.

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### Oil tempered garage door springs

Garage door springs are manufactured in different ways and used based on the needs of each garage door system. When the wire of the springs is heated in hot oil, **Garage Door Repair Redwood City** says that they are called oil tempered garage door springs. They are extremely strong and ideal for heavy duty, high cycled garage doors.

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### Garage door hardware

The hardware of garage doors includes all fasteners (screws, bolts, nuts and hooks), hinges, bearings and brackets. They are the small garage door parts made of steel that usually serve to connect or reinforce the stability of other components.

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### Roll up garage doors

Roll ups are the doors, which roll and wrap as they open at the top part of the garage's opening. They are usually made of metal materials and since they hardly occupy space, they are ideal for small places. They have fewer components than other garage door types.

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### Backroom, headroom and side room

These are three terms used to identify the space within the garage and they are useful when the consumer needs to replace the existing garage door and must take measurements. Backroom refers to the space from the door to the back side of the garage. It's basically the measurement of the garage ceiling's length. Headroom refers to the space from the top part of the door to the lowest part of the ceiling and side room to the space at the two sides of the door from the door side frame to the wall.

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### Garage door parts

Every garage door has a specified number of components, which are assembled in order to make up the entire garage system. These components are called garage door parts. From brackets to springs, all parts are necessary and each door type would need a different number, size and variations of garage door parts.

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#### Emergency release cord

It is the rope hanging from the electric garage door opener. It is usually red in color and serves consumers when they want to disconnect the opener from its automatic operation. This is useful for emergencies (when there is power outage for example) or when there is need for garage door repairs. Every electric opener must have a release cord.

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#### Garage door cable

Garage door cables are found at both sides of the door and help springs to lift the door and lower it down. Cables are actually thick and strong metal cords, which are wrapping around a drum as the door is opening and unwrapping when the door closes down.

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#### UL 325 guidelines

These are the regulations written by the Underwriter Laboratories in association with companies for the avoidance of garage door accidents. According to these guidelines all electric operators must have sensing entrapment devices, which will prevent people from being entrapped under the door. All modern electric openers must have a label saying that the product is approved by UL.

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#### Wireless garage door keypad

It's a modern way of getting access to the garage. Instead of having regular remote controls, consumers may get wireless garage door keypad devices. They are placed right outside the door and will open the door when homeowners enter their password. They bear lit buttons and their boxes are usually waterproof. Several codes can be programmed and they can all be changed easily for higher safety.

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#### Intellicode clickers/security plus remotes

Intellicode clickers refer to a series of garage door remote access systems by Genie. The security plus remotes are products of Liftmaster. All clickers of these series are modern and the most significant thing is that they work with the use of rolling codes according to which

codes sent from the transmitter (remote) to the receiver (opener) are changed for every cycle (opening/closing of the door).

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#### Garage door hinges

Hinges are metal parts, which serve the purpose of connecting two different components together. They are extremely important for the door panel itself and for sectional doors. They are of different sizes and shapes and are secured with nuts and bolts.

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#### Garage door installation

The term refers to the installation of the garage door as the phrase implies and it's one of the most important procedures for the good movement, safety and functionality of the door. The installation must be precise or the door will be noisy and perhaps far from safe.

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#### Garage door materials

This phrase refers to the materials used for the construction of garage doors. Wood has always been the king of materials and the first material ever used for garage doors. Though, due to its sensitivity, manufacturers produce today doors from composite wood. These have wood fibers and resins and are more resistant. Other materials include metals like aluminum and steel and the latter can also be galvanized and zinc coated. Lately, glass is also used for garage doors.

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#### Weather strips

These are the seals placed at the top, side parts and bottom part of garage doors. They close the tiny gaps between the door and the jamb and floor and are usually made of vinyl or rubber. Bottom seals can also have astragals in U-shape where T-shape or other shaped seals can be inserted. They ensure insulation.

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#### Overhead garage door

This is one type of garage doors. It doesn't occupy much space since it moves up and down. It just needs some room for the tracks at the two sides of the door and enough space in the ceiling since the door opens along the ceiling towards the back part of the room. The ceiling must measure the height of the door plus 18" more. It runs through tracks with the assistance of the garage door rollers.

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## Spring tension release

All garage door springs are mounted with excessive tension. It is thanks to this tension found in their coils that the lifting of the door is possible. When the door is in its closed position, the springs are in high tension. When the door is open, the tension of the springs is released. When springs must be replaced, their tension must be released (that might be needed with the replacement of other parts, too) and this is usually hard to do since springs can snap abruptly. In this case, they might cause accidents.

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