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### Bottom Seal Retainer

This is a device which is attached to the bottom of an overhead garage door to cover its entire length. It is made from metal and its job is to hold the bottom seal in place. It has two slots on each side which the edges of the strip are slipped into.

2

### Chain Drive Opener

This device uses a chain, which moves along the rail to open and close the door. When the appliance opens the door, the chain pulls it upwards. During closing, the chain pushes the unit downwards. The chain and the door are connected via a trolley and a moving arm.

3

### Dual Frequency Receiver

This type of receiver is becoming more widely used in garage door openers. It works to seek two different frequencies produced by the transmitter. This is done to ensure that at least one frequency will be received in case of interference caused by the operation of another device.

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### Garage Door Clicker

This is another name given to the opener remote control. It comes from the clicking sound which is produced when you push the button for the opening and closing of the door. This term is not used to denote the product of any particular opener manufacturer.

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### Garage Door Hinges

These are two-sided bearings which are used for connecting the panels of sectional overhead garage doors. In this way, they enable the breaking of the different sections and their unification during the opening and closing of the door. There are also hinges responsible for holding the rollers in place.

6

### Garage Door Sheaves

These are specially designed pulleys which have integrated ball bearings. These pulleys work to control the movement of the garage door cables during the opening and closing cycle. They provide for smooth and safe movement and there are two main types of sheaves. These are clevis and stud ones.

7

### Glass Garage Doors

These overhead doors come with glass panels and a lightweight frame which is made from aluminum or copper. The panels are made from tempered opaque glass. This makes them highly resistant to impact and allows them to provide a high level of privacy.

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### Inside Lock

This is a special type of garage door lock which uses a sliding deadbolt with spring loading. The lock can be operated only from the interior of the garage. This is where its name comes from. The lock cannot be accessed and opened from the outside.

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### Jamb Bracket

This hardware component has an angle design. It consists of two sections which form a 90-degree angle. Its job is to connect the vertical garage door track to the back door jam. It is made from steel which typically has thickness of 12 gauges.

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### Lifting Cables

These garage door cables connect the bottom brackets of the door to the counterbalance mechanism. The counterbalance mechanism can be a torsion spring or a set of extension springs. The cables are responsible for holding the door in place while the spring lifts it and lowers it. They are under high tension.

11

### Lubrication Maintenance

This type of garage door maintenance involves the application of lubricant to the moving metal parts of the system. These include the torsion or extension springs, metal rollers, the bearings of the sheaves, and the lift cables at the bottom bracket button. Lubricant is also applied to the drive chain or screw of an opener.

12

### Oil Tempered Spring

This is a type of garage door torsion spring which is made from high-carbon steel wire that has undergone heat treatment with oil. The wire is heated to 1500 degrees F and then dipped in the oil. This makes the spring stronger and more durable. It can withstand greater stress associated with more frequent door operation.

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### Opener Battery Backup

Some openers come equipped with a specially designed 12-volt backup battery. It is integrated into the motor unit. When there is an outage and the device cannot receive power through the main electric grid, the battery provides the required power. The opener continues to work normally.

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### Opener Lubricant

This is a type of lubricant which has been especially formulated for chain drive and/or screw drive garage door openers. It is applied to screw or drive chain. It is designed to make the operation of the drive system smooth and quiet. The ingredient formula varies from one manufacturer to another.

15

### Panel Waxing

This is the application of car wax to the exterior panels of steel garage doors. Wax is applied to protect the panels from harsh weather conditions such as the ones in coastal areas and in places with extremely low temperatures. This material is chosen over paint for its better protective properties.

16

### Rolling Code Technology

This is a special security technology which is used in many modern garage door openers. It changes the access code automatically after every use of the remote control. This makes it virtually impossible for potential intruders to learn or guess the code and use it.

17

### Spring Cycle Life

This is the number of cycles which a garage door torsion spring can perform before it breaks. Each cycle consists of one opening and one closing. The manufacturer of the component provides a cycle life estimate based on the design, gauge and make.

18

### Standard Lift Tracks

These are garage door tracks used primarily in residential overhead door systems. They consist of a vertical section, which typically rises to eight inches below the door height, and a horizontal section. The two are connected with a curved extension.

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### Tilt Garage Door

This type of door has a single panel which is tilted during opening and closing. It goes outwards of the frame and takes considerable space on both the outer and inner side of the garage during this cycle. It typically uses extension garage door springs.

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### The UL 325 Standard

This is a safety standard which is applicable to garage door openers. Under this standard, the appliances have to be equipped with a safety reversal mechanism which works automatically when the door touches an object. All devices which have been introduced to the market since 1993 meet this requirement.

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