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Q: What should I know about the durability of garage door springs?

A: The cycle of a spring refers to one full opening and closing action. Torsion springs are rated through its cycle life. The standard minimum in the industry is 10,000 cycles. However, upgrades up to 100,000 cycles are also available. The spring typically breaks after seven to 12 years of average use.

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Q: What are the safety concerns of extension springs?

A: Garage doors are balanced by extension and torsion springs. Extension springs are mounted above the horizontal track, which is perpendicular to the closed door. They provide the lifting power by stretching. If broken, the springs can actually cause injury as they fly around the room. However, if a safety cable is installed inside the spring, it can contain the spring and prevent any accidents.

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Q: Do I need a safety cable for my extension springs?

A: A safety cable is installed to contain the extension spring if it snaps unexpectedly and this helps prevent unnecessary injury. If you do not have one, the spring can break anytime and hurt anyone as they fly with great force inside the room. This in turn can cause severe damage to your car or any object inside the garage.

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Q: How does a torsion spring function?

A: A garage door is balanced by either extension springs and torsion springs. Torsion springs are mounted right above a closed door, which may be horizontal or parallel to the top part of the door. This type of spring provides lifting power through winding and unwinding when the door opens and closes.

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Q: What are the safety concerns of torsion springs?

A: The torsion spring is actually under high tension and requires special tools for adjustment. Due to its high tension, professionals like us can only adjust this spring and its associated parts like cables, corner brackets, cable drums, and the center bearing bracket. If you need to adjust this, seek help from our technicians.

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Q: What are spring brackets?

A: Garage door springs are attached to brackets, which are located at the bottom of the door. Like springs, these brackets are also subject to high tension. You should not attempt to adjust the bracket and its related parts. This should only be adjusted as well as maintained by a professional door expert like us.

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Q: What should I do if my springs are out of balance?

A: The best sign of a functional garage door is that it closes and opens smoothly and quietly. When it stops working, there may be a problem. To check this, you can try to operate the door manually. However, if it continues to be difficult to operate, the problem may be due to springs that are out of balance.

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Q: Which type of spring is the better option?

A: The two types of door springs used today are the torsion and extension springs. The extension spring is placed on either side of the door and this can stretch along the track when the door closes. A torsion spring, on the other hand, is placed above the top of the door and mounted on to the door's header. Torsion springs are the better choice as they balance the weight of the garage door better.

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Q: How do I know if my garage door spring is broken?

A: If your garage door does not open, but appears to make an effort to open, then the problem may be with the opener. However, if the opener is not able to open the door, then it could be due to a broken spring. Only professional technicians like us can help you check the door and resolve the issue.

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Q: What happens if I do not have garage door springs?

A: The garage door is similar to a wall in the house. In order to lift a heavy door, springs are attached to counter balance its weight. This enables the opener to exert force to lift and close the door easily. If the door does not have springs, it will be at its full weight and cannot be lifted.

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Q: How does an extension spring function?

A: Extension springs are located at the horizontal track of the door. Their lifting power is based on its capacity to stretch. When this is pulled outward, it will attempt to pull back into its coil. It means that this type of spring exerts a greater pull, which is proportional to its extension.

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Q: Should I replace my broken springs?

A: Yes, broken springs should be replaced and you will not be able to open or close the door easily without them. There are safety concerns associated with garage door springs replacement. You should never attempt to disconnect or manipulate the springs on the door. To avoid any injury or accidents, a professional like us should replace and repair springs.

Garage Door Repair Westwind Houston

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