

Commercial Sectional Garage Door Terminology

3-Hole Cable Clip: Metal clip tied to end of extension spring cable to allow length adjustments

A

Active Coils: The number of working coils in a torsion spring

A-Frame: Support member used to fasten torsion spring assembly of vertical lift door to the wall above the door opening

Aircraft -Type Cable: Several strands of galvanized wire rope braided together

Angle Brace: Lateral brace attached to back hang and roof construction or ceiling

Angle Iron: Length of L-shaped steel material generally used to support and brace rear of horizontal tracks from roof construction or ceiling

B

Broken Cable Device: A bottom fixture intended to prevent a door from falling in the event of cable breakage

C

Center Lift Cable: Additional cable assembly which is secured to outside of door at points toward the center of the door, used to provide extra lifting support for extremely wide or heavy doors

Center Post: The vertical building structure (or member) between two single car doors, or a vertical reinforcement usually installed for high wind events. Sometimes also used to refer to a Vertical Post

Chain Hoist: A mechanical device used to raise and lower the door by use of a hand chain

Chain Hoist Operator: Jackshaft type operator to which chain hoist is attached

D

Daylight Opening: Opening dimensions taken between face of jambs and between floor and header

Dead in the Head: The lack of counterbalancing when the door is in the open position, failing to keep the door fully open

Dead Load: A static applied load, or a load without movement, generally referring to the weight of the door

D-Shaft: A torsion shaft manufactured with a flat area allowing minimum rotation of affixed hardware

Double End Stile: When a door section utilizes two stiles adjacent to each other on each end of the section

Double Top Roller Fixture: Fixture used at the top section consisting of two top brackets to incorporate a longer roller shaft. Usually requires double and end stiles on top section

Duplex Spring: A combination of two torsion springs of different diameters telescoped within spring fittings

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J

Jamb Bracket: "L" shaped bracket used to connect the vertical track on the door jamb

Jamb Extension: Framing extensions of door jambs above opening height; required to support door track and spring assemblies

L

Lap Jamb: Condition where door sections lap the door opening on each jamb

M

Mullion Door: A movable, vertical structure or post that spans from floor to lintel, to which is mounted the left hand tracks or guides of one door, and the right hand tracks or guides of an adjacent door. Divides an opening width to permit the use of two doors, and is movable, to permit the use of the full opening width

P

Pass Door: A swinging pedestrian door built into a sectional door. Not recognized as an exit door by model codes

Pedestrian Door: Access door adjacent to upward acting doors. Used as a legal means of egress to avoid the use of a sectional door

Push Down Spring: Spring-activated push rods mounted on horizontal tracks to start door down during closing portion of door cycle; generally used with a jackshaft-type operator or a manual chain hoist

Pusher Bumper: A left spring in place of a rod

R

Removable Center Post: Post/track assembly which substitutes for door jamb in wide door openings so that multiple doors may be used instead of a single large door, and which can be released and carried from an opening

Reverse Angle Mount: An "L" shaped angle with the wall leg toward the door opening used to connect the vertical track to the jamb. Used in low headroom and sideroom restricted garages as well as lap joint

S

Shop Drawings: Drawings provided by the manufacturer or door supplier to the architect-engineer showing the plans, sections, elevations, and details of the work required, submitted to assure proper interpretation of the intent of architectural drawings

Stationary Cone: Part that fits into the end of a torsion spring permitting the spring to be fixed to the center bearing bracket. May also incorporate a retainer for a ball bearing or bushing

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Steel Jamb Mounted: A track system intended for mounting to a steel jamb

Swing-Away Post: A type of removable center post that remains attached at the top and can be pivoted out of the way

T

Track Graduation: The differential distance from the track to the door jamb, measured at the top and bottom of the vertical track

Track Guard: Added protection for back of vertical track recommended in cases where powered material handling fork trucks and similar equipment may be in operating area

True Divided Lite: A window composed of several smaller windows separated from each other by window mullions

V

Vertical Lift: Refers to a hardware design that causes doors to open vertically where no horizontal tracks are required

W

Wire Glass: Glass into which wire netting is woven prevent splintering from heat or impact