

1 A bill to be entitled

2 An act relating to residential elevators; amending s.  
3 399.031, F.S.; requiring a controller to be capable of  
4 monitoring the closed and locked contacts of the  
5 hoistway door locking device; requiring that the  
6 controller be capable of removing the power for the  
7 motor and brake for a locking device under certain  
8 circumstances; prohibiting an elevator car from being  
9 restarted until certain conditions are met; requiring  
10 a visual indicator to be visible at all landings under  
11 certain circumstances; deleting a requirement that the  
12 underside of the platform of an elevator car be  
13 equipped with a specified device; deleting  
14 requirements for such devices; deleting a requirement  
15 that manual reset of an elevator resume before  
16 downward motion is allowed; requiring the Florida  
17 Building Commission to adopt certain provisions  
18 relating to residential elevators into the Florida  
19 Building Code by a specified date; providing an  
20 effective date.

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22 Be It Enacted by the Legislature of the State of Florida:

23  
24 Section 1. Subsection (3) of section 399.031, Florida  
25 Statutes, is amended to read:

HB 1215

2017

26 |           399.031 Clearance requirements between elevator doors for  
27 | elevators inside a private residence.—

28 |           (3) During normal operation, the elevator controller shall  
29 | monitor the closed and locked contacts of the hoistway door  
30 | locking device, whether electrical or mechanical. If both the  
31 | closed and locked contacts are open while the car is not in the  
32 | unlocking zone for the locking device, the controller must  
33 | remove any power from the motor and brake, and the elevator car  
34 | may not be allowed to restart until the door locking device  
35 | contacts have been returned to the correct position and the  
36 | controller has been manually reset by authorized personnel.  
37 | Additionally, a visual indicator must be visible at all landings  
38 | until the door locking device has been returned to the correct  
39 | position and the controller has been manually reset by  
40 | authorized personnel ~~The underside of the platform of an~~  
41 | ~~elevator car shall be equipped with a device that, if the~~  
42 | ~~platform of the elevator car is obstructed anywhere on its~~  
43 | ~~underside in its downward travel, interrupts the electric power~~  
44 | ~~to the driving machine motor and brake, if provided, and stops~~  
45 | ~~the elevator car's downward motion within 2 inches. The stroke~~  
46 | ~~of the device may not be less than the stopping distance of the~~  
47 | ~~platform of the elevator car. The force required to operate the~~  
48 | ~~device may not exceed 15 pounds. Downward motion shall be~~  
49 | ~~permitted to resume only after the elevator has been manually~~  
50 | ~~reset.~~

51           Section 2. The Florida Building Commission shall, by  
52 October 1, 2017, adopt into the Florida Building Code pursuant  
53 to s. 553.73(8), Florida Statutes:

54           (1) A provision authorizing the permanent installation of  
55 a nonremovable, hoistway door space guard in order to comply  
56 with section R321.4.1(c)2-5 of the Florida Building Code, 5th  
57 Edition (2014) Residential. The door space guard must be  
58 designed and installed to withstand a force of 75 pounds applied  
59 horizontally using a 4-inch-diameter sphere at any location  
60 within the folds on the car door without permanent deformation.

61           (2) Section 399.031, Florida Statutes, relating to  
62 clearance requirements between elevator doors for elevators  
63 inside a private residence.

64           Section 3. This act shall take effect July 1, 2017.

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