

1 A bill to be entitled

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

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

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

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

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

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51 ~~Downward motion shall be permitted to resume only after the~~
52 ~~elevator has been manually reset.~~

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

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

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

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