

CHAPTER 2017-97

Committee Substitute for Senate Bill No. 1634

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

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

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

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

(3) During normal operation, the elevator controller must monitor the closed and locked contacts of the hoistway door locking device, whether electrical or mechanical. If the closed and locked contacts of the landing locks are open while the car is not in the unlocking zone for the hoistway door locking device, the elevator controller must interrupt power to the motor and brake and must not allow the elevator car to restart until the owner or the owner's agent, with a master elevator key, has checked for obstructions above and below the elevator car, returned the hoistway door locking device contacts to the normal operating position, and manually reset the elevator controller with the master elevator key. Additionally, a visual indicator must be visible at all landings until the hoistway door locking device has been returned to the normal operating position and the elevator controller has been manually reset. ~~The underside of the platform of an elevator car shall be equipped with a device that, if the platform of the elevator car is obstructed anywhere on its underside in its downward travel, interrupts the electric power to the driving machine motor and brake, if provided, and stops the elevator car's downward motion within 2 inches. The stroke of the device may not be less than the stopping distance of the platform of the elevator car. The force required to operate the device may not exceed 15 pounds. Downward motion shall be permitted to resume only after the elevator has been manually reset.~~

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

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

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

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

Approved by the Governor June 14, 2017.

Filed in Office Secretary of State June 14, 2017.