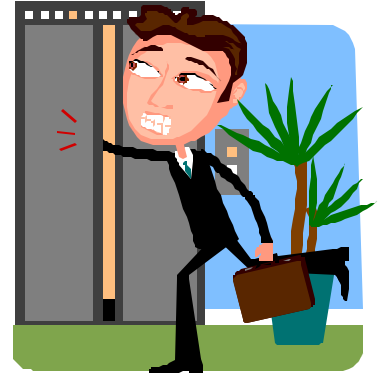


## “INFRARED DOOR DETECTOR”

### Function:

An INFRARED DOOR DETECTOR replaces the existing obsolete vertical mechanical drop edge on the leading edge of the car door. This device uses over a hundred infrared light beams to detect the presence of a passenger blocking the car door opening. If a single beam is blocked, the car door will automatically stop before striking the passenger. This device is now commonplace on most elevators.



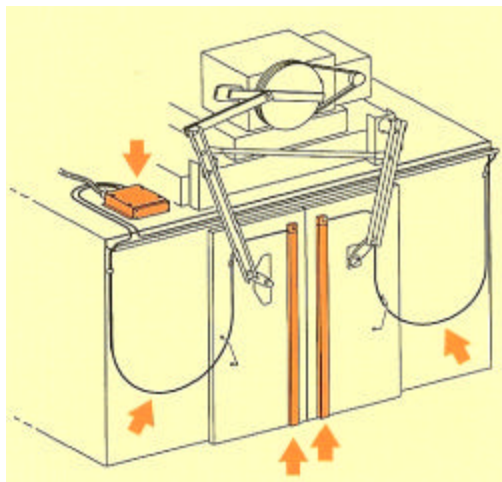
### Reason for Upgrading:

Obsolete mechanical door edges are the most common source of liability claims in the elevator industry because these devices must actually strike a passenger before the car door will stop. Serious injuries are increasing because most elevators have infrared door protection devices and passengers expect the car door to automatically stop without physical contact. Additional benefits of upgrading include:

**Decreased shutdowns** – Many problems related to shutdowns can be tied to problems with mechanical edges. Infrared detectors have no moving parts to wear out.

**Aesthetic upgrade** – Since infrared detectors are mounted behind the car door they look better and are less likely to be damaged. Old mechanical edges that stick out in front of the car door usually look beaten up after many years striking passengers or objects.

**Quieter operation** – Infrared detectors have no moving parts.



**Faster elevator service** - Once the car door has adequate protection the “door open” time can be reduced and the “door closing” speed can be increased to their maximum efficiency. Both of these adjustments help to provide faster elevator service.

**Increased value** – This equipment truly is a sound investment for your elevator.