



# HatchLatch® prevents life-threatening accidents by keeping elevator doors locked between landing zones



*HatchLatch lets you relax with the knowledge that even a rambunctious boy will be contained safely inside a stalled cab until help arrives*

**Meets  
A17.1 1996 Code  
(and later) for Door  
Restrictors**

HATCHLATCH KEEPS PASSENGERS SAFELY INSIDE THE CAB IN THE EVENT OF A STALL OR BREAKDOWN

## Why door restrictors? Because they can...

- **PREVENT LIFE-THREATING ACCIDENTS**

By restricting doors from being opened manually outside the leveling (landing) zone, *HatchLatch* makes it impossible for passengers to leave the cab.

Some of the most devastating accidents occur when riders pry open the door(s) of a stalled elevator and try to jump or lower themselves to the landing below. The margin for error is small... and even the slightest misstep can send a reckless passenger hurtling to the bottom of the hatchway.

- **REDUCE YOUR LIABILITY**

Our legal system recognizes that hatchway accidents are preventable with a device like *HatchLatch*. Offer it to your customers, and you will have met your legal obligation to provide the highest duty of care as prescribed by law. Install *HatchLatch*, and your customer will have met his.

**4-HOUR  
BATTERY BACK-UP**

### KEY FEATURES & BENEFITS

- The power supply with 4-hour battery back-up has plunger-sensing circuitry that alerts the mechanic when *HatchLatch* is disabled. That's four times longer than required.
- We've lengthened the photoeye cable to nine feet.
- You get 2"-wide reflector tape (not 1") plus a dust washer and handy connectors.
- HatchLatch is patented and CSA approved.
- HatchLatch works with any door operator.

# New and Enhanced HatchLatch®

## Locks the Door on Unsafe Elevator Cab Openings

**HatchLatch®** comes standard with all the material you need to protect one elevator up to five floors. To protect more than 5 floors, order additional reflective tape (see table below).

### Here's how it works:

#### Reflective Tape

You position pieces of reflective tape in the hatchway inside the landing zone and on the door operator.

#### First Photoeye

When the first of the two HatchLatch® photoeyes “sees” the tape in the hoistway, it senses that the elevator is inside the landing zone.

#### Second Photoeye

When the second HatchLatch® photoeye “sees” the tape on the door operator, it picks up a solenoid-controlled plunger.

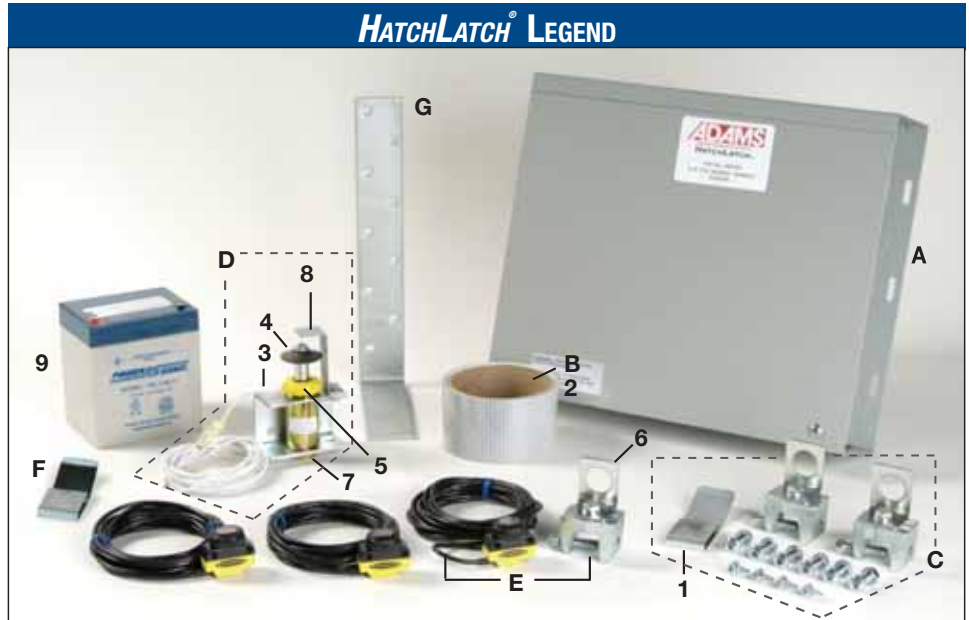
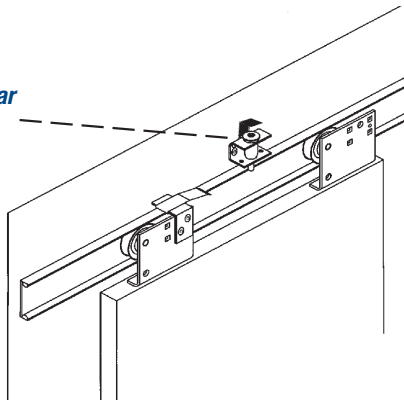
#### Plunger

The plunger rises out of the way, clearing the door roller or blocking bracket as the door opens.

#### No Exit! Zone

Between landing zones, the photoeye senses no tape reflection...and the plunger holds its door-blocking position.

*Photoeyes mounted on the car signal a solenoid to “pick” a metal plunger and allow free door movement only when the car is safely inside a landing zone*



HATCHLATCH® ENHANCED — COMPLETE		
Call out	Adams part no.	Description
A	<b>A835A3</b>	EDR ASS'Y w/Box (includes Battery)
B	<b>A835R2</b>	Reflective Tape, 2" x 10 ft (for up to 5 floors)
C	<b>A835HKA3</b>	Hard Ware Kit
D	<b>A835SYSBK</b>	Solenoid w/9ft cable and Z bracket
E	<b>A835PH</b>	Photoeye w/bracket and 9ft cable
F	<b>A835RA</b>	Reflective Angle
G	<b>A835BB</b>	Bracket, 7 GA x 5" x 10"

REPLACEMENT PARTS AND ACCESSORIES		
<i>Individually numbered items below are part of lettered sub-assemblies above.</i>		
Call out	Adams part no.	Description
1	<b>A835MC</b>	HatchLatch “Money Clip”
2	<b>A835R2P</b>	Reflective Tape, 2" x 150 ft (for up to 75 floors)
3	<b>A835S1</b>	Solenoid w/ 9 ft cable
4	<b>A835PL</b>	Plunger for Solenoid
5	<b>A835 DC</b>	Dust cap for Solenoid plunger – yellow
6	<b>A835PH – BTK</b>	Bracket (for Photoeye)
7	<b>A835SBA3</b>	Solenoid Mounting bracket
8	<b>A835ZC</b>	Solenoid Plunger “Z” bracket
9	<b>335802-01</b>	Battery
	<b>A835XF</b>	Hatch Latch Transformer (inside box, not shown)
10	<b>A835PC3</b>	PC Board (inside box, not shown)
	<b>A835CT</b>	Keyfob Transmitter for Remote Unlocking (not shown)
	<b>A835CR</b>	Receiver Module for Remote Unlocking (not shown)

HatchLatch—Reg. TM Adams Elevator Equipment Company; protected by U.S. Patent No. 5,655,627