

HATCHLATCH® IV DOOR RESTRICTOR

SAFETY SIMPLIFIED.

Introducing the new, easier-to-install HatchLatch®.

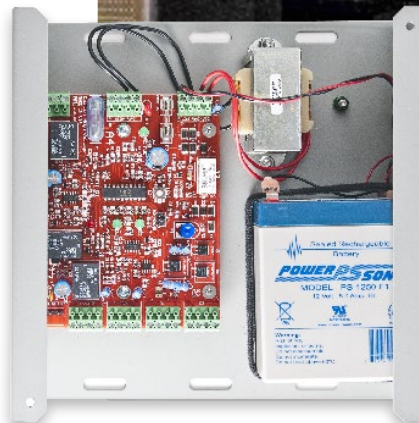
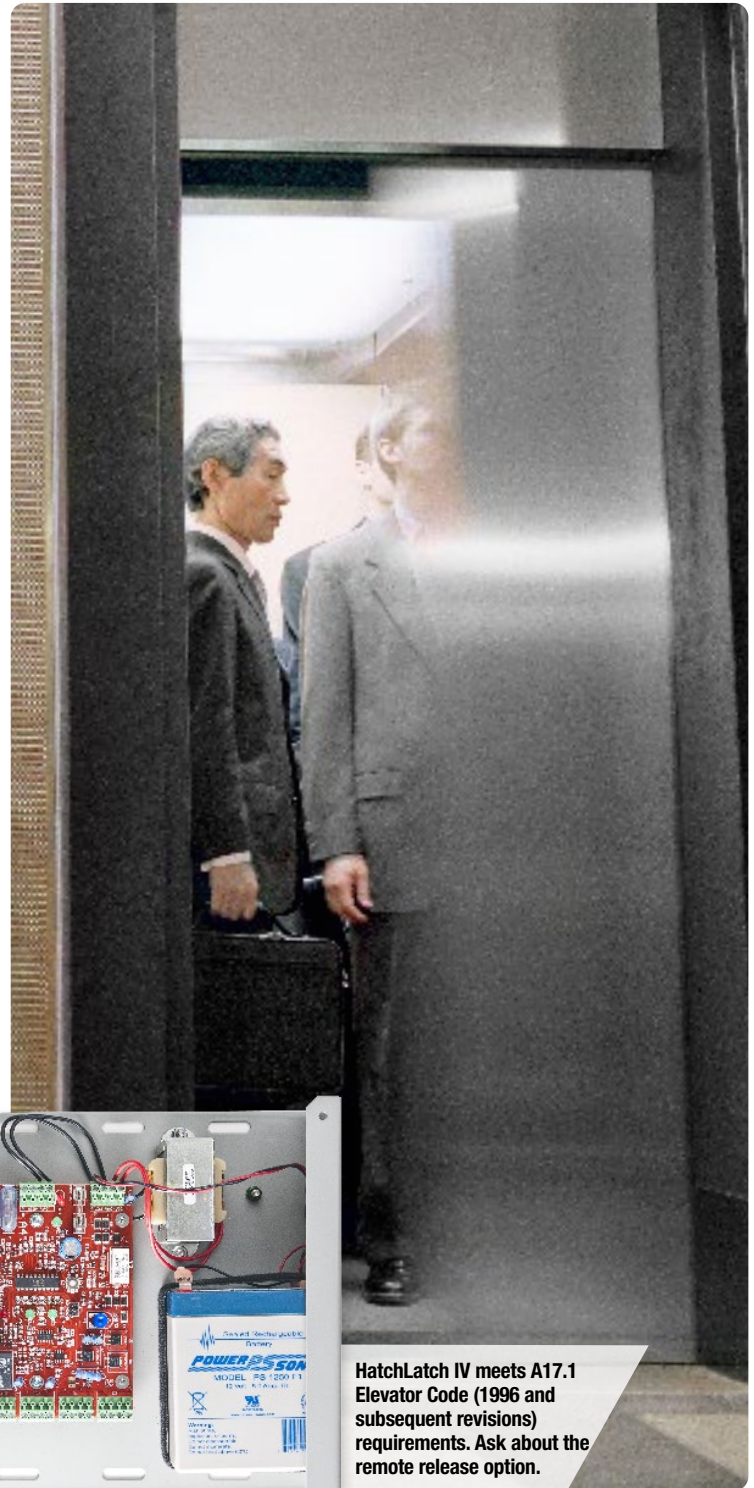
Creating a safer passenger environment—and reducing your labor costs—just got a little easier. Our new and improved HatchLatch IV—the leading choice in electronic door restrictors—now requires only one optical sensor. This new design significantly reduces installation time and complexity, while an improved solenoid control assembly boosts overall performance and reliability.

As with previous models, the HatchLatch offers superior protection by ensuring that the elevator cab doors stay shut and locked between landing zones, keeping passengers safe in the event of a stall or breakdown.

The HatchLatch IV offers significant improvements:

- The new design requires only one optical sensor and allows greater flexibility in solenoid and blocking bracket mounting reducing installation time and complexity.
- Door location (DL) is now detected with a magnetic sensor. No more trying to find suitable locations for the DL optical sensor and tape, no more concerns of sheaves rotating more than once, no need to reconfigure the sensor for “Light On” and “Dark On” applications and no need to paint sheaves to reduce stray reflections.
- A new control circuit can tolerate unanticipated high solenoid power consumption. The result: **improved performance and reliability.**

Discover a simpler, more reliable answer to passenger safety—visit adamselevator.com/hatchlatchIV to learn more.



HatchLatch IV meets A17.1 Elevator Code (1996 and subsequent revisions) requirements. Ask about the remote release option.

ADAMS

More Parts Delivered Faster

HATCHLATCH® IV DOOR RESTRICTOR

How it works:

- Technicians simply install the solenoid assembly with magnetic sensor and mount the blocking bracket with magnet (4 inches away from the sensor for side-opening doors; 2 inches for center-opening doors).
- The control circuit detects door location using the magnetic sensor. Only if the car is in a safe door zone (DZ) – as sensed by the optical sensor – will the solenoid engage and allow the doors to open.
- If the car is outside the door zone, the solenoid plunger will prevent the doors from opening.

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HATCHLATCH® IV - COMPLETE

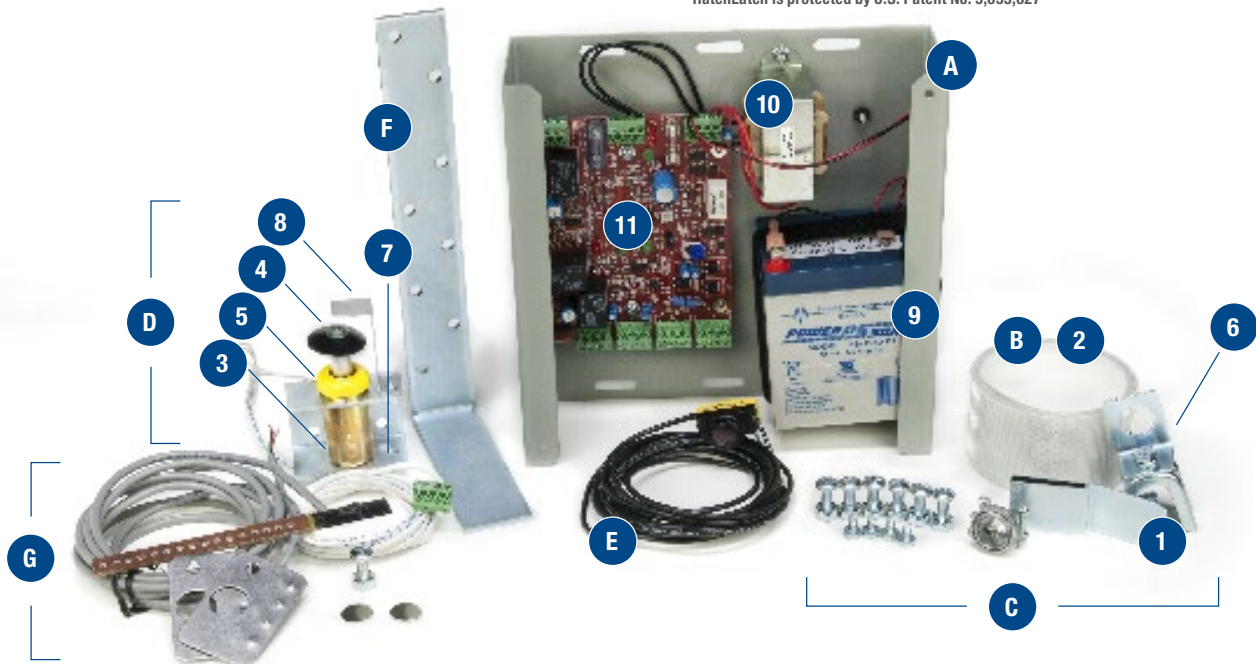
Call out	Adams part no.	Description
A	A835RPLBOX	EDR ASS'Y w/ Box (includes Battery)
B	A835R2	Reflective Rape, 2" x 10 ft (for up to 5 floors)
C	A835HKA4	Hard Ware Kit
D	A835SYSBK	Solenoid w/ 9ft cable and Z bracket
E	A835PH	Photoeye w/ bracket and 9ft cable
F	A835BB	Bracket, 7 GA x 5" and 10"
G	A835MAG	Sensor assembly w/ magnets and bracket

REPLACEMENT PARTS AND ACCESSORIES

Individually numbered items below are part of lettered sub-assemblies above.

Call out	Adams part no.	Description
1	A835MC	Hatch Latch "Money Clip"
2	A835R2P	Reflective Tape, 2" x 150 ft (for up to 75 floors)
3	A835S1	Solenoid w/ 9 ft cable
4	A835PL	Plunger for Solenoid
5	A835DC	Dust cap for Solenoid plunger – yellow
6	A835PH-BTK	Bracket (for Photoeye)
7	A835BA3	Solenoid Mounting bracket
8	A835ZC	Solenoid Plunger "Z" bracket
9	PS1250-F1	Battery
10	A835XF	Hatch Latch Transformer
11	A835PC4	Hatch Latch IV Control Board

HatchLatch is protected by U.S. Patent No. 5,655,627



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