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**INSTALLATION INSTRUCTIONS FOR THE EA-500 EXIT ALARM (POLYMER CASE)**  
**THIS PRODUCT IS NOT FOR USE ON FIRE RATED DOORS.**

**NOTE TO THE INSTALLER.**

These instructions contain information required by the owner. Please deliver them to the owner when the installation is complete.

Install the EA-500 on the latch side of an out-swinging door.

As-shipped, the EA-500 is assembled for installation on the right-hand side of the door (FIG. 2) To install on the left-hand side, (FIG 1) see the instruction in column 3, FIG. 5. Figure 3 shows a door using an EA-500 unit with a MS-2049SI (Inswinging door) or a MS-2049S (Outswinging door).

**OPTIONAL FEATURES**

- RESET/REARM\***
- REMOTE RELAY \***
- REMOTE BY-PASS/OUTSIDE KEY CONTROL**
- MULTI-DOOR MONITORING**

If these features (\*) are to be installed, contact Customer Service at 1-800-729-3839 for instructions.

**TIME DELAY ADJUSTMENT**  
 This feature is explained later..

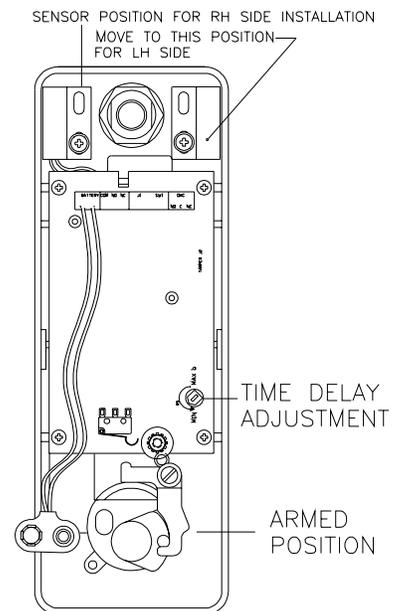
**TOOLS AND SUPPLIES**

- Screwdriver, blade type, 5/16"
- Screwdriver, blade type, 1/8"
- Screwdriver, Phillips, #1
- Linesman's pliers (to cut tailpiece)
- Tape for securing the template
- Drill motor and bits
- Hammer
- Center punch
- Pencil

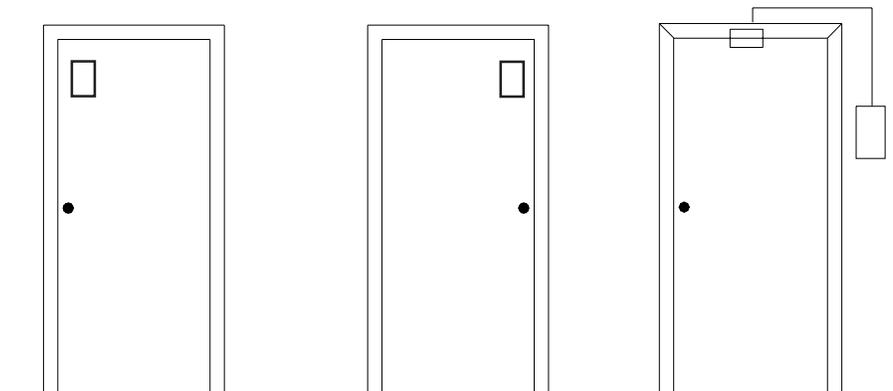
Use the faceplate lock key to unlock the faceplate. Turn it about eight turns CCW until the cylinder releases the internal locking stud. Rap the bottom edge upward to release it from the internal retainer. Pull the top of the faceplate away from the backbox.

**NOTE**

For installation on the left-hand side of the door, change the position of the magnetic sensor as follows.



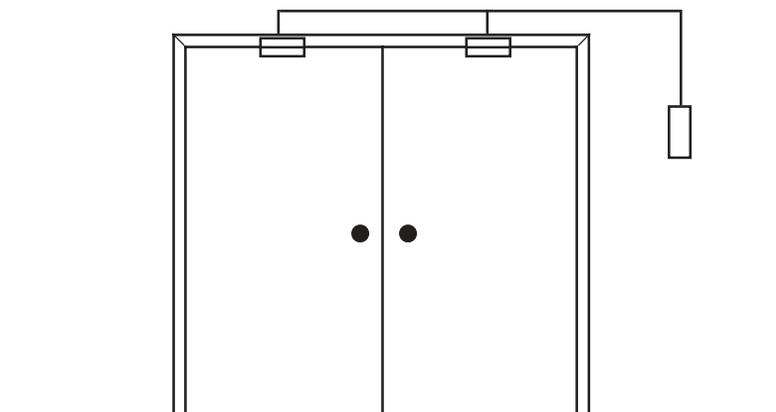
**FIGURE 5**



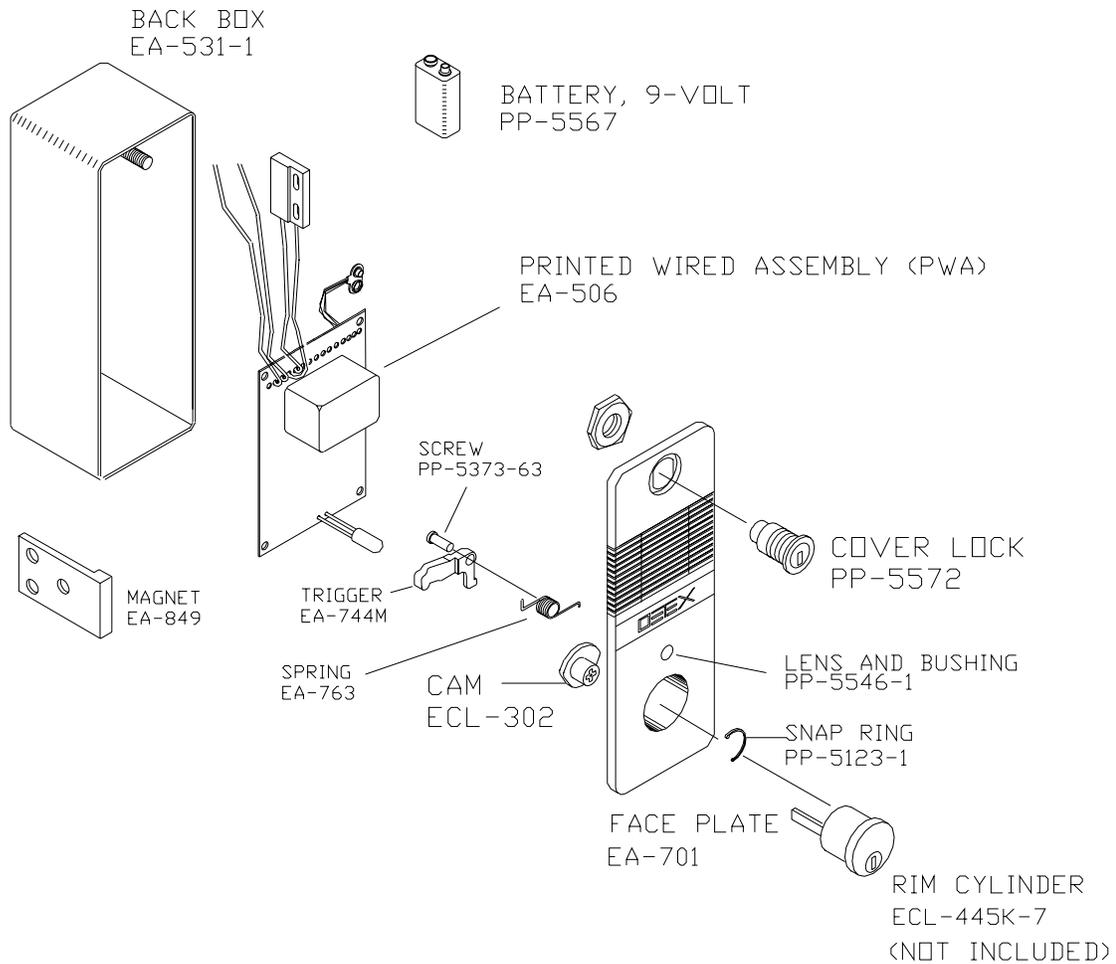
**FIGURE 1**

**FIGURE 2**

**FIGURE 3**



**FIGURE 4.- MONITORING TWO DOORS WITH ONE ALARM**  
**SEE PAGE 3 FIG. 11 FOR WIRING**



**FIGURE 6.- ILLUSTRATED PARTS BREAKDOWN**

MAINTENANCE	FUNCTIONAL VERIFICATION	
<p>The EA-500 requires very little care but, to ensure that the system continues to provide the intended security, a maintenance program should be established, as follows:</p> <p><b>KEYS</b></p> <p>Two sets of keys are required; one to arm the system and one to lock the faceplate. Access to these keys should be limited to responsible people.</p>	<p>Periodically, weekly or more often as circumstances require, verify that the system is working properly by opening the door with the system armed. Unit should sound.</p> <p><b>BATTERY CHECK</b></p> <p>The EA-500 contains a low-battery indicator. As long as the battery is OK and the unit is armed, the LED on the faceplate will blink every 45 seconds. If the unit is armed and the voltage drops to about 7.5 volts, indicating a low battery, the unit will blink every 45 seconds and issue</p>	<p>an audible chirp. If the unit is not armed and the voltage drops to about 7.5 volts, the unit will beep every 45 seconds. To replace the battery, disarm the unit, insert the faceplate lock key in the cylinder and turn it COUNTER-CLOCKWISE about eight turns until it disengages the internal locking stud. With the palm of the hand, rap the bottom of the faceplate upward to disengage the internal retainer. The recommended battery is ALKALINE.</p>

**WARRANTY**

The Detex security hardware product you have purchased is warranted to be free of defects in material and workmanship when properly installed, used and maintained according to instructions. We will, for a period of **one (1)** year from the date of purchase, repair or replace any part which, upon our examination, proves to be defective under normal use. This does not apply to batteries or to damage from battery leakage. This warranty will be honored only upon presentation of proof that the product covered thereby was purchased directly from an authorized Detex Distributor. **WE SHALL NOT BE LIABLE FOR ANY DIRECT, INCIDENTAL OR CONSEQUENTIAL LOSS OR DAMAGE ARISING OUT OF THE FAILURE OF THIS DEVICE.**



