Installation Instructions
9400 Series Electric Strike

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Product Components

① 9400 Electric Strike Body
② 9400 Cover
③ 1/4"-20 x 1" Mounting Screws
④ #10-32 & 10-24 Lockdown Screws (optional)
⑤ #6-32 x 1/4" Cover Screws
⑥ 5/64" Hex Key
⑦ Plug In Connectors

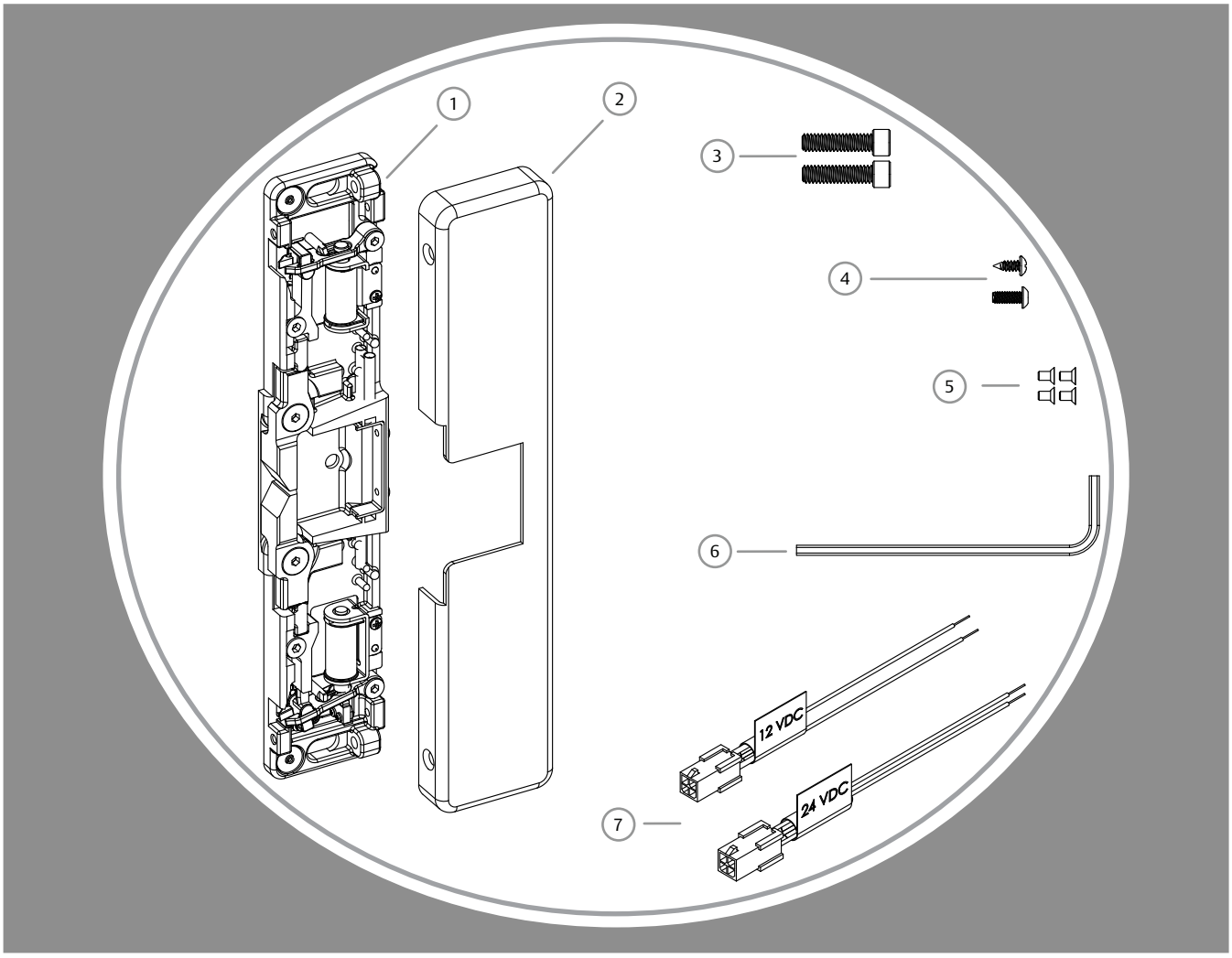


Diagram 1: Electrical Specifications

ELECTRICAL RATINGS FOR SOLENOID		
CONTINUOUS DUTY	12VDC	24VDC
Resistance in Ohms	24	96
Amps	.50	.25
Solenoid voltage +/ - 10%		

MINIMUM WIRE GAUGE REQUIREMENTS	SOLENOID VOLTAGE	
	12VDC	24VDC
200 feet or less	18 gauge	18 gauge
200 - 300 feet	16 gauge	18 gauge
300 - 400 feet	14 gauge	16 gauge

Installation Directions

CAUTION! Before connecting any device at the installation site, verify input voltage using a multimeter.
Many power supplies and low voltage transformers operate at higher levels than listed. Any input voltage exceeding 10% of the solenoid rating may cause severe damage to the unit and will void the warranty.

Prepare Strike

1. Select the appropriate Plug In Connector that matches system power and electrically connect as illustrated in Diagram 2. For 12V DC, the pigtail marked "12 VDC" should be used. For 24V DC, the pigtail marked "24 VDC" should be used. If no connector is present, configure the wires as illustrated within Diagram 2.

2. If using the Latchbolt Monitor (LBM) or Latchbolt Strike Monitor (LBSM), refer to Diagram 3 & 4 on page 3 to complete wiring.

3. The 9400 ships in the Fail Secure mode of operation. If you need to convert to Fail Safe Operation see Diagram 5 on page 3.

Prepare Frame

4. Prepare the door jamb using the Installation Template located on page 4 (with the exception of the hole for final lockdown).

Finish Installing

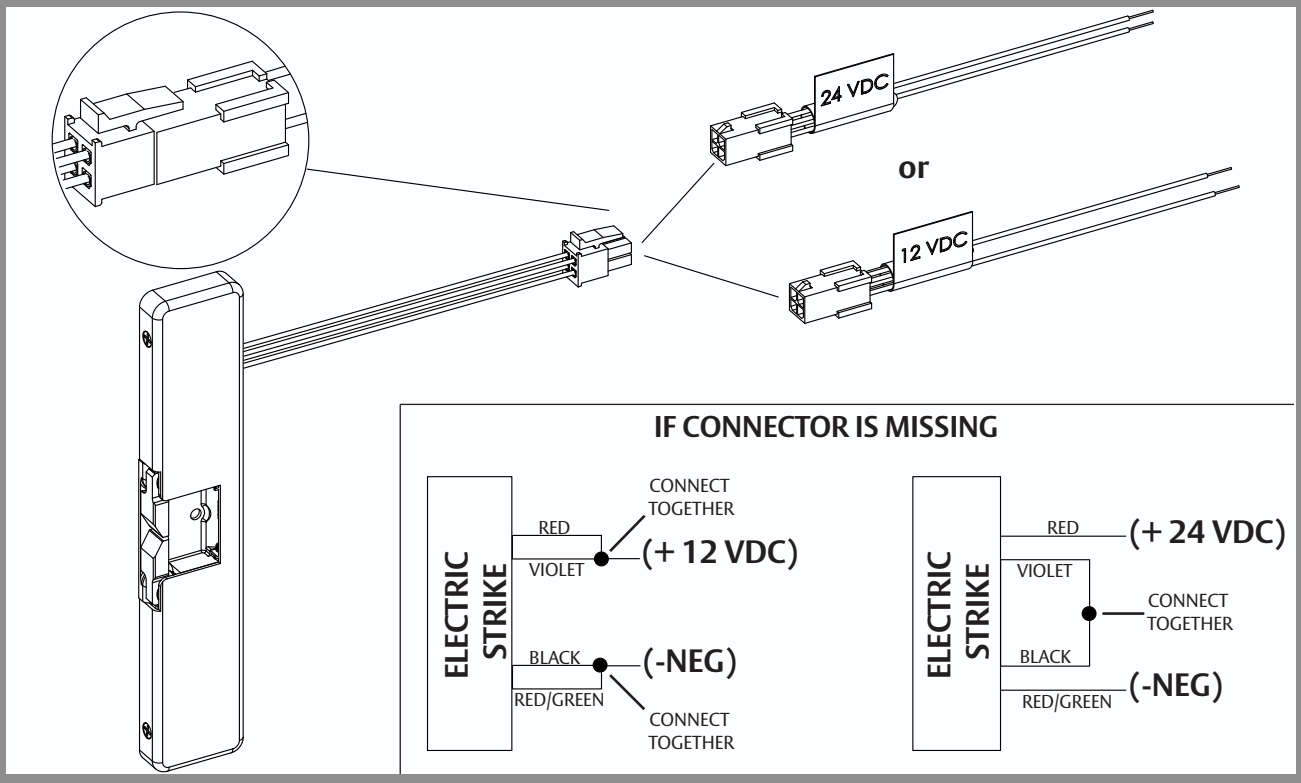
5. Electrically connect the 9400 to the Plug In Connector, and attach the electric strike to the jamb using the 1/4"-20 cap screws provided.

6. Check latchbolt interaction to determine if horizontal adjustment is needed, and adjust as needed. Lockdown horizontal adjustment using the #10-32 setscrews as illustrated on page 4.

7. OPTIONAL LOCKDOWN FEATURE: Install the #10-24 UNC or 10-32 UNF lockdown screw if additional security is required. Remove the strike before drilling hole.

8. Install the cover plate, and fix in place using the #6-32 x 1/4" Cover Screws as illustrated on page 4.

DIAGRAM 2: 12V to 24V CONVERSION



Installation Diagrams

DIAGRAM 3: LATCHBOLT MONITOR

LBM WIRING	
White	Common
Orange	Normally Open
Green	Normally Closed

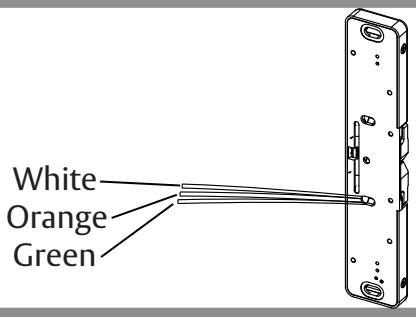


DIAGRAM 4: STRIKE MONITOR

LBSM WIRING	
Brown	Common
Blue	Normally Open
Yellow	Normally Closed

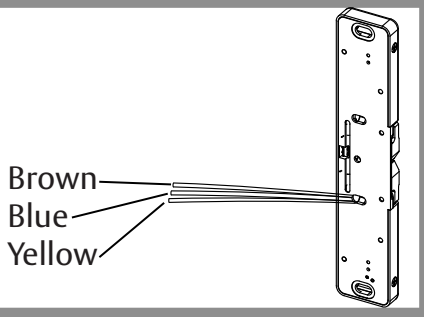


DIAGRAM 5: FAIL SAFE CONVERSION

Convert Mode

The 9400 series Electric Strike is pre-set for FAIL SECURE OPERATION as shown in Figure 1.

There are Selector Stop Pins, one on the left side and one on the right side. Both Selector Stop Pins must be repositioned to convert the strike to Fail Safe Operation.

1. To convert to Fail Safe Operation, remove the Selector Stop Pins on each side of the strike body using the 5/64" hex key provided.

2. Move the Selector Stop Pins to the Fail Safe Operation position as pictured (towards the center of the strike) in Figure 2.

3. Tighten both Selector Stop Pins after they have been moved to the Fail Safe Operation

Verify

Verify that both keepers are in Fail Safe Operation. Both keepers should be unlocked without power, but lock when power is applied.

Figure 1: FAIL SECURE OPERATION

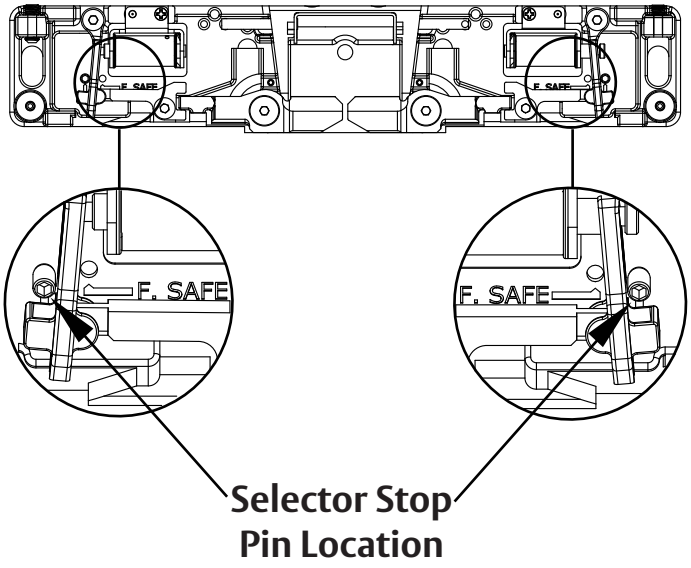
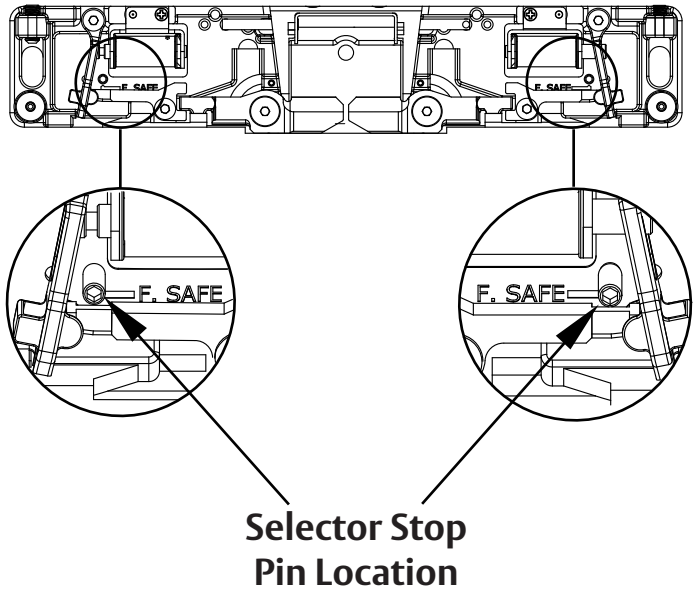
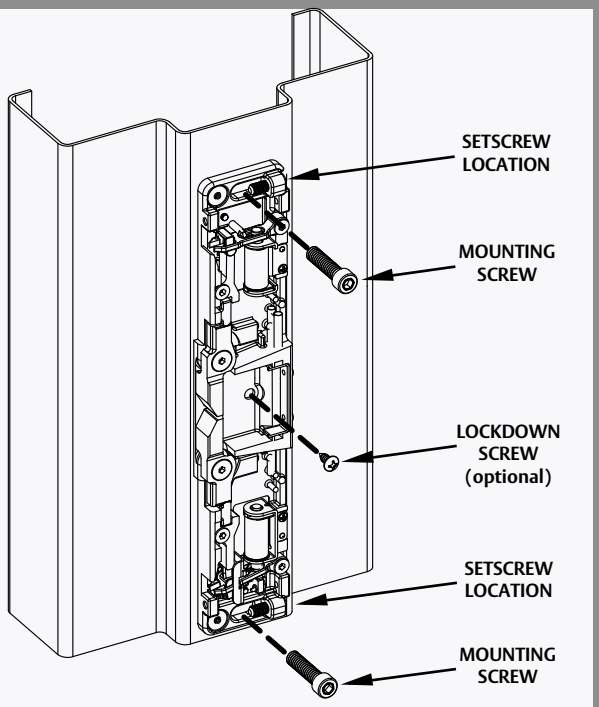


Figure 2: FAIL SAFE OPERATION



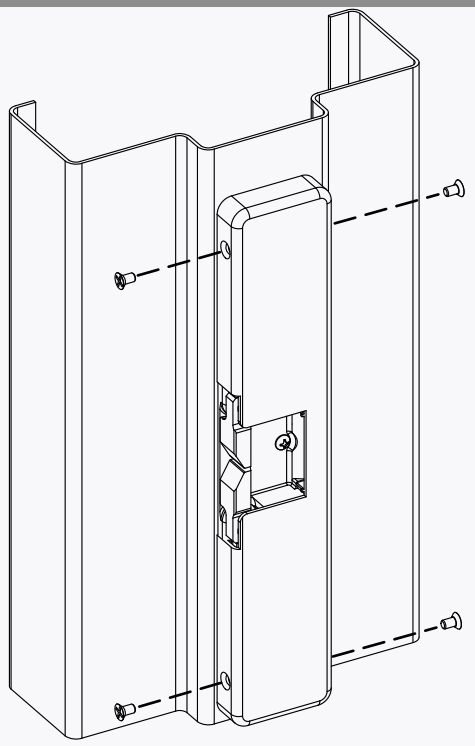
Frame Preparation

HORIZONTAL ADJUSTMENT & LOCKDOWN



1. Loosen the two #1/4-20 mounting screws.
2. Adjust strike to appropriate horizontal position.
3. Tighten the two #1/4-20 mounting screws.
4. Lock down adjustment by tightening the setscrews.
5. Install the #10-32 UNF or 10-24 UNC lockdown screw (optional).

COVER INSTALLATION



Attach the cover using the #6-32 x 1/4" Cover Screws