

1006

Electric Strike

Installation Instructions



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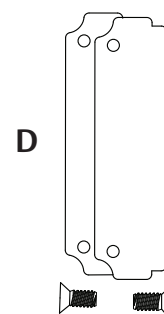
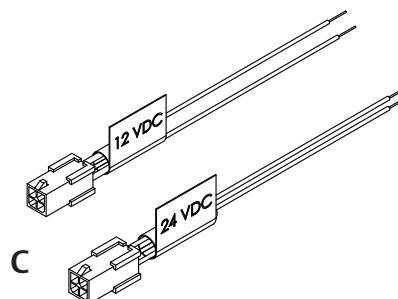
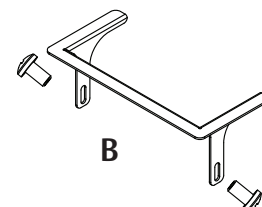
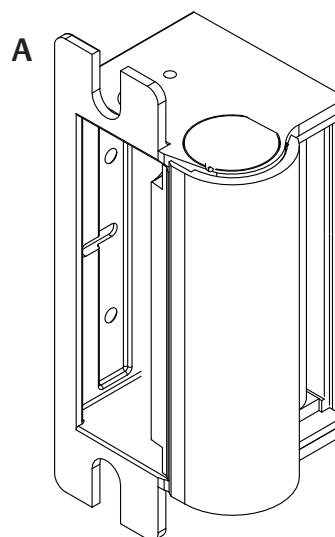
Product Components

- A 1006 Electric Strike Body
- B Trim Enhancer (with screws)
- C 12 & 24 Volt Plug In Connectors
- D Keeper Shims with screws (2)

Electrical Specifications

Electrical Ratings for Solenoid	Continuous Duty	
Voltage	12 VDC	24 VDC
Resistance in Ohms	25	100
mA Continuous Duty	480	240
<i>Solenoids are rated at +/- 10% indicated value.</i>		

Minimum Wire Gauge Requirements	Continuous Duty	
Voltage	12 VDC	24 VDC
200 feet or less	18 guage	18 guage
200–300 feet	16 guage	18 guage
300–400 feet	14 guage	16 guage
<i>Lengths based on round trip.</i>		



Installation



WARNING: 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. Installation wiring for the product and wiring methods shall be in accordance with the National Electrical Code, ANSI/NFPA 70.

Preparing the Strike

For 12 VDC, the plug in connector (pigtail) marked "12 VDC" should be used; for 24 VDC, the pigtail marked "24 VDC" should be used.

- 1 SELECT the appropriate plug in connector that matches system power and electrically CONNECT as shown in Diagram 1.
- 2 IF no connector is present, THEN CONFIGURE the wires as shown in Diagram 2.
- 3 IF using a Latchbolt Monitor (LBM) or Latchbolt Strike Monitor (LBSM), THEN REFER to Diagrams 3 and 4 to complete wiring.

Diagram 1:
12 VDC to 24 VDC Conversion

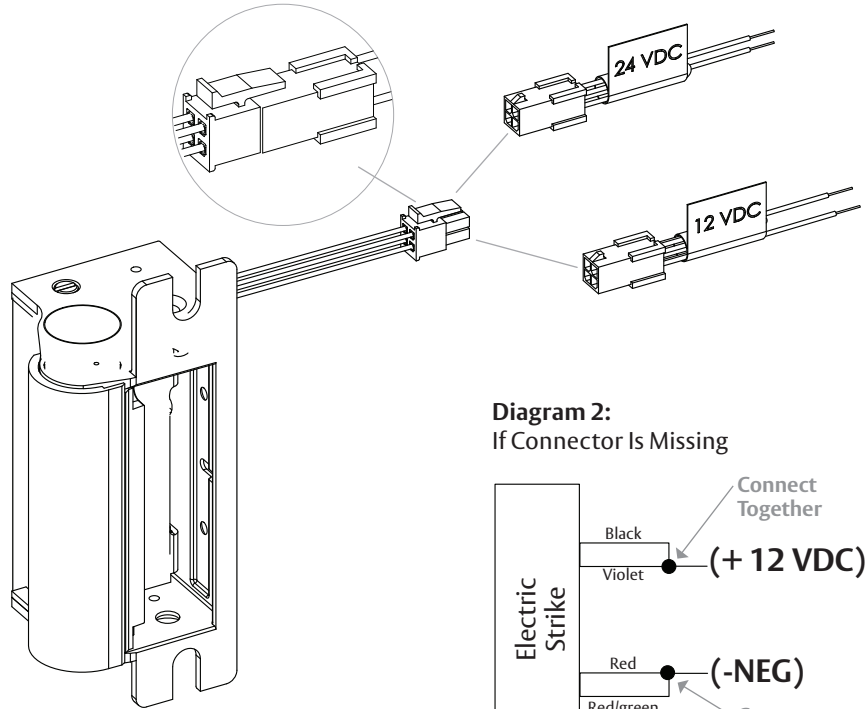


Diagram 2:
If Connector Is Missing

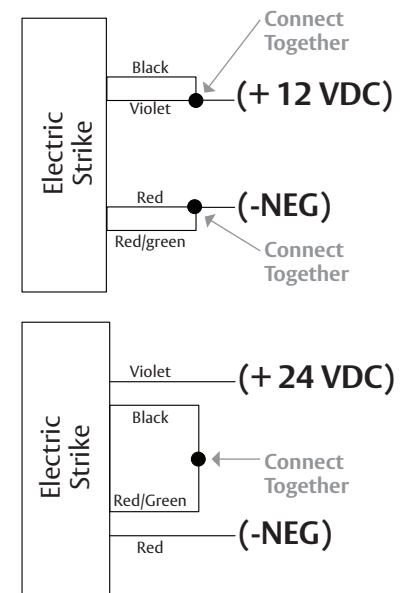


Diagram 3:
Latchbolt Monitor

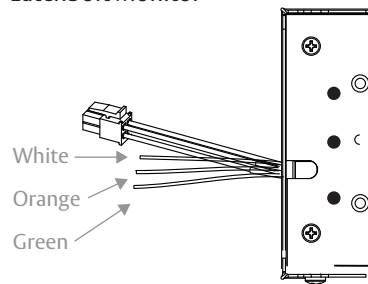
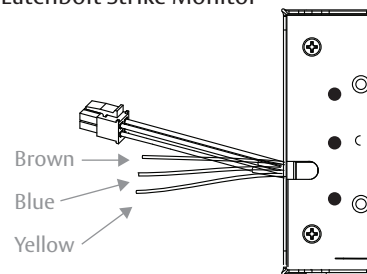


Diagram 4:
Latchbolt Strike Monitor



Wiring

Diagram 3: Latchbolt Monitor (LBM)

White	Common
Orange	Normally Open
Green	Normally Closed

Diagram 4: Latchbolt Strike Monitor (LBSM)

Brown	Common
Blue	Normally Open
Yellow	Normally Closed

NOTE: The state of switch is listed for an unpowered strike and LBM in unactuated (door open) position.

Preparing the Frame

Cutout templates are detailed (see page 3) and faceplate options are detailed (see page 4).

- 1 PREPARE the frame using appropriate lockset template and faceplate combination.

Finishing the Installation

- 1 ATTACH the electric strike to the jamb using the screws provided with the faceplate option kit.

Complete Pac Options

Complete Pac Option E Product Components

- A Low Profile Floor
- B Deadbolt Catch Plate
- C 6-32 x 1/4" Screws
- D 6-32 Nuts
- E #6 Lock Washers
- F 4-40 x 5/16" Screw

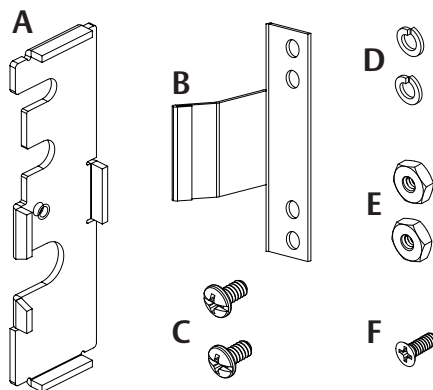


Diagram 1 Remove Screws

Diagram 2 Install Low Profile Floor

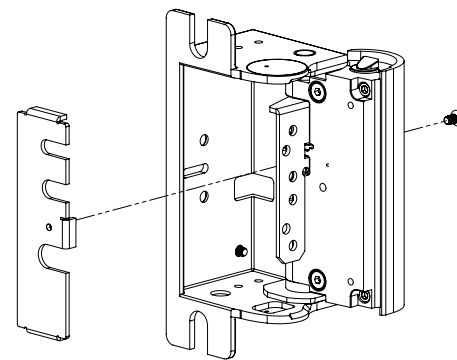
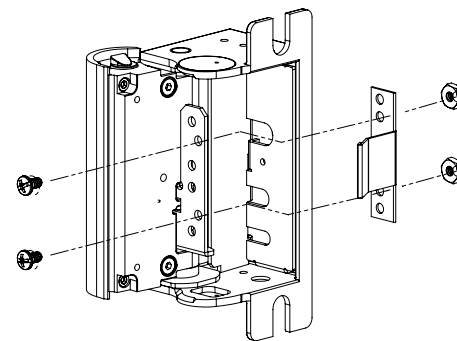


Diagram 3 Attach Deadbolt Catcher



Installation Instructions

- 1 REMOVE the 4-40 x 3/16" screws and standard floor from the electric strike as shown in Diagram 1.
- 2 INSTALL the Low Profile Floor using the 4-40 x 5/16" screw provided with the Faceplate Option Kit as shown in Diagram 2.
- 3 ATTACH the Deadbolt Catcher to the mounting plate using the 6-32 x 1/4" screws, #6 Lock Washers and the 6-32 nuts as shown in Diagram 3.

Complete Pac Option H, HD, HM & H2 Product Components

- A Deadbolt Bracket
- B Deadlatch Bracket (HT & HTD only)
- C #6 Lock Washer (HT & HTD only)
- D 6-32 x 1/4" screw (HT & HTD only)
- E 10-32 x 1/8" screw

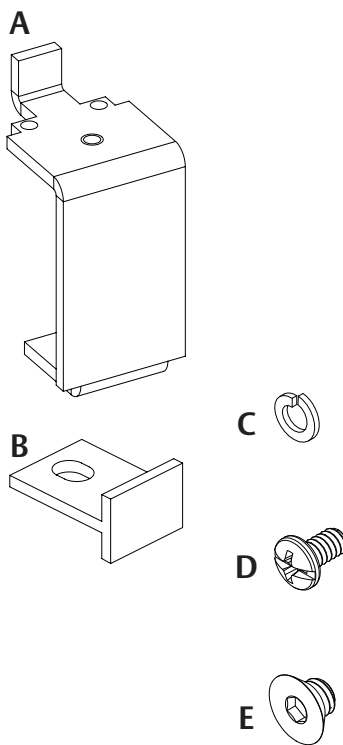


Diagram 1 Install Deadbolt Bracket

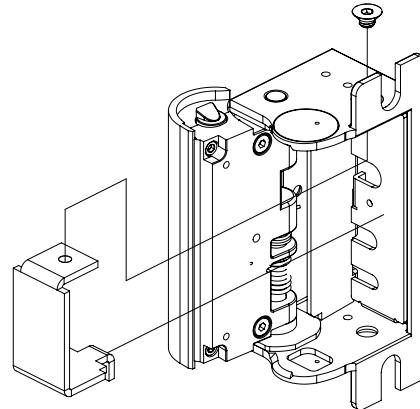


Diagram 2 HT and HTD Deadbolt

Installation Instructions

- 1 INSTALL the Deadbolt Bracket using the 10-32 x 1/8" screw as illustrated in Diagram 1. If using an HT or HTD option, proceed to step 2.
- 2 INSTALL the Deadlatch Bracket using the 6-32 x 1/4" screw and #6 Lock Washer as shown in Diagram 2.

Complete Pac Options

Product Components Complete Pac Option R

- A Low Profile Floor
- B Hookbolt Bracket
- C Hookbolt Catcher
- D 6-32 x 1/4" Screws
- E #6 Lock Washers
- F 4-40 x 5/16" Screw
- G 10-32 x 1/8" screw
- H 6-32 Hex Nuts

Installation Instructions

- 1 REMOVE the 4-40 x 3/16" screws and standard floor from the electric strike as illustrated above. See Diagram 1.
- 2 INSTALL the Low Profile Floor using the 4-40 x 5/16" screw provide with the Faceplate Option Kit as illustrated above. See Diagram 2.
- 3 ATTACH the Hookbolt Catcher to the mounting plate using the 6-32 x 1/4" screws, #6 Lock Washers and the 6-32 nuts as illustrated in Diagram 3.
- 4 INSTALL the Hookbolt Bracket using the 10-32 x 1/8" screw as illustrated in Diagram 4.

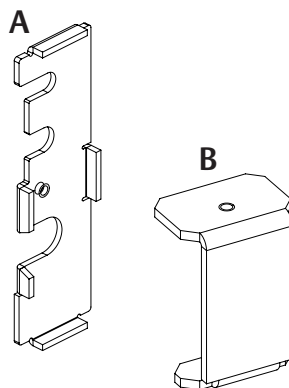


Diagram 1 Remove Screws

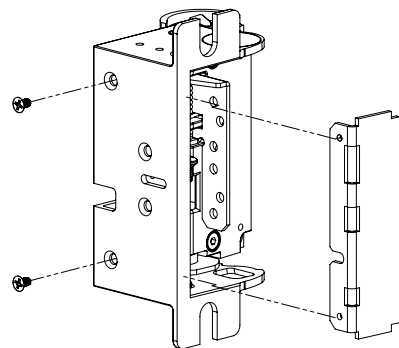


Diagram 2 Install Low Profile Floor

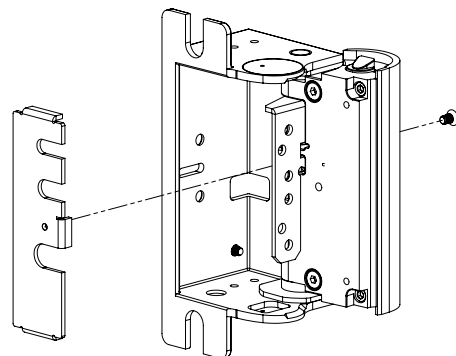


Diagram 3 Attach the Hookbolt Catcher

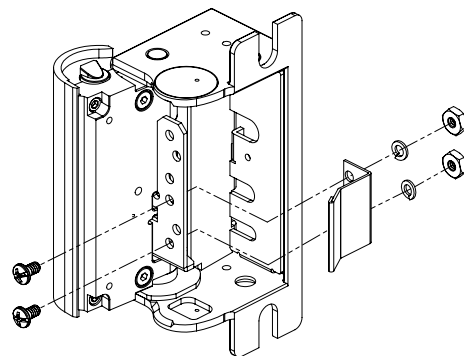
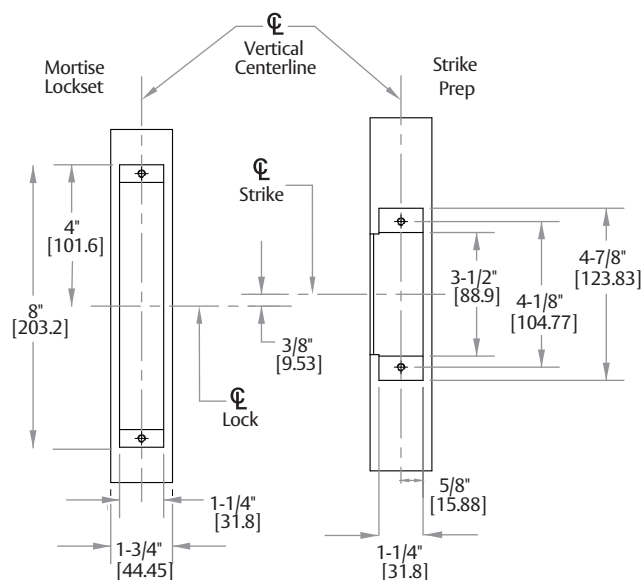


Diagram 4 Install the Hookbolt Bracket

Cutout Dimensions

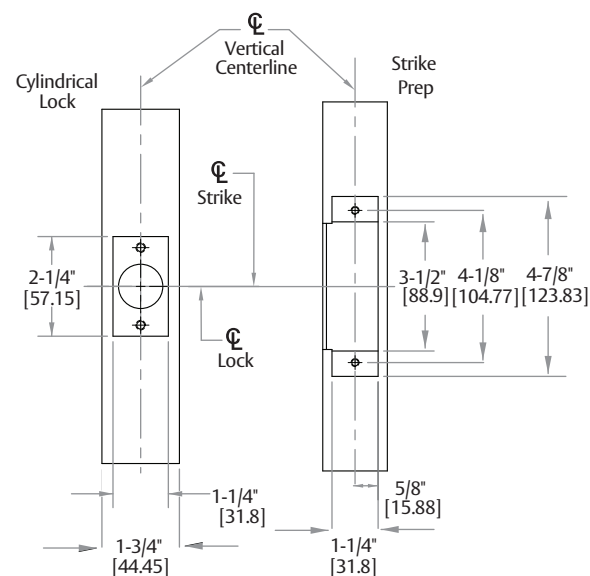
Mortise Locksets

Please note the horizontal centerline of the electric strike in relation to the centerline of the mortise lockset.



Cylindrical Locksets

Please note the horizontal centerline of the electric strike in relation to the centerline of the cylindrical lockset.

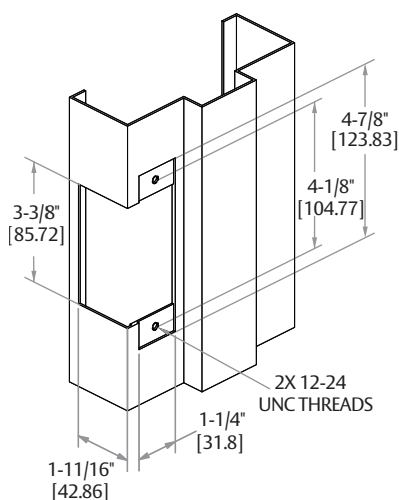


Metal Jamb Installation for 1006LB Series Faceplates

Cutout dimensions for option faceplates:

J | K | KM | N | NM | H | Z | R | E

NOTE: Normally used with mortise locks without deadbolt. Not used with Schlage L9000 or ASSA ABLOY ACCENTRA™ 8700 Series (formerly Yale Commercial).

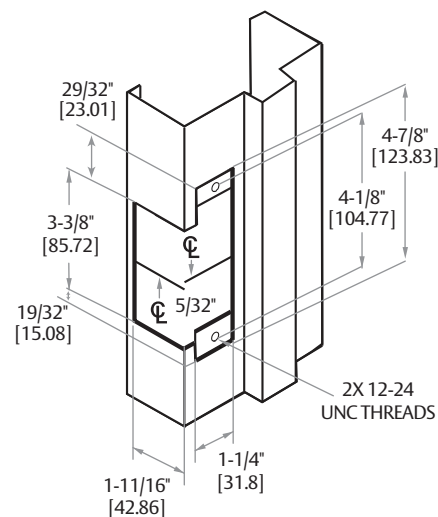


Metal Jamb Installation for 1006DB Series Faceplates

Cutout dimensions for option faceplates:

KD | ND | HM | HTD | N | NM

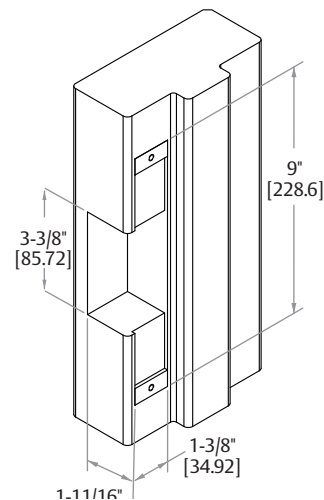
NOTE: Normally used with mortise locks without deadbolt. Not used with Schlage L9000 or ASSA ABLOY ACCENTRA™ 8700 Series (formerly Yale Commercial).



Wood Jamb Installation for 1006-2 Series Faceplates

Cutout dimensions for option faceplates:

J2 | K2 | KM2 | N2 | H2



Faceplate Options

Inches [Millimeters]

4-7/8" x 1-1/4" Square Opening

☐ = center line of faceplate (2nd line = center line of faceplate opening)

H, HT, N	HD, ND	HM, NM
<p>3-1/8" [79.37mm] 7/8" [22.23mm]</p>	<p>5/32" [3.97mm] 3-1/8" [79.37mm] 23/32" [18.26mm]</p>	<p>1/8" [3.17mm] 2-7/8" [73.02mm] 1-9/64" [28.83mm]</p>
J, E	K	KD
<p>1-23/32" [43.64mm] 1-37/64" [40.08mm]</p>	<p>29/32" [23.39mm] 1-11/32" [34.11mm] 27/32" [21.46mm]</p>	<p>1-1/16" [27.3mm] 1-11/32" [34.11mm] 23/32" [18.22mm]</p>
KM	R	Z
<p>19/32" [15.46mm] 1-15/32" [37.29mm] 1-3/32" [27.81mm]</p>	<p>23/32" [18.22mm] 1-3/4" [44.45mm] 27/32" [21.46mm]</p>	<p>5/16" [7.79mm] 1-15/32" [37.29mm] 1-25/64" [35.48mm]</p>

Warranty For information on warranty coverage and replacement options, please visit [hesinnovations.com/warranty](https://www.hesinnovations.com/warranty)



techsupport.hes@assaabloy.com
hesinnovations.com | 800 626 7590

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