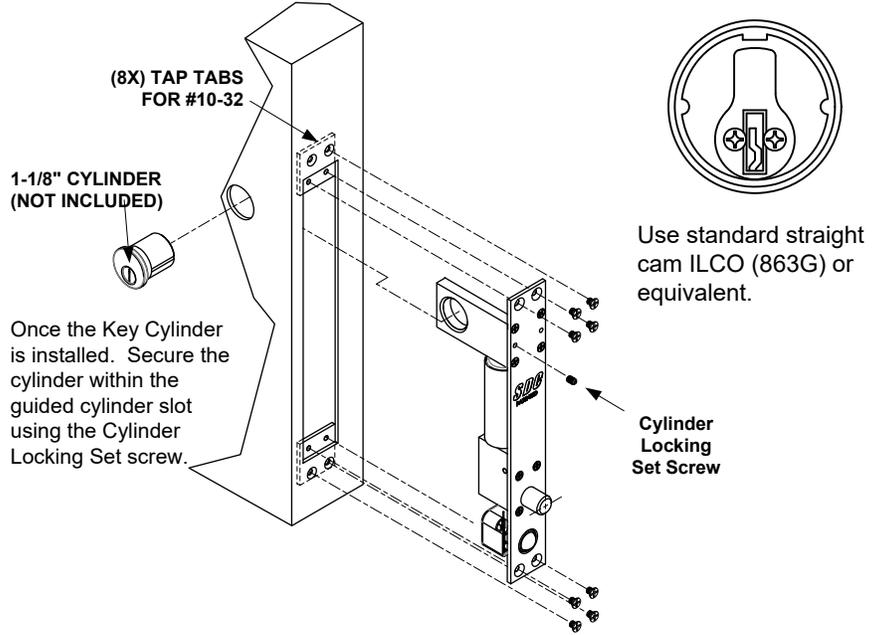
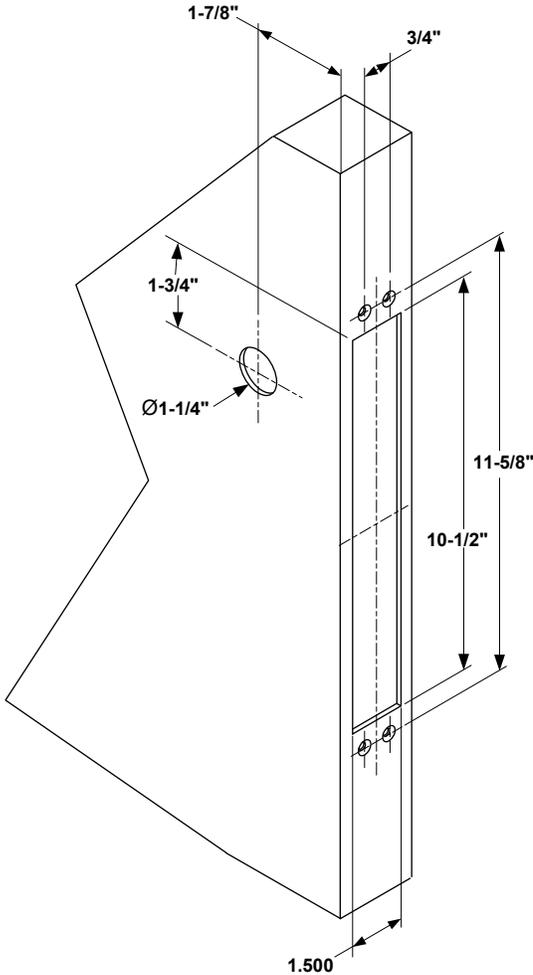




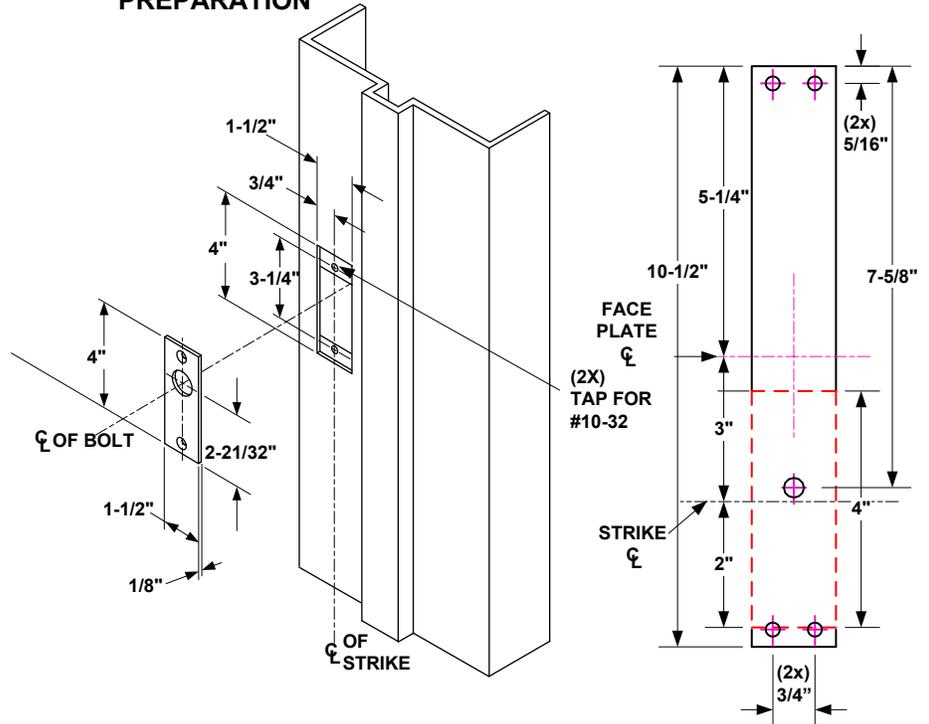
INSTALLATION INSTRUCTIONS

1091AIDMR1 (1-7/8" BACKSET) CONCEALED MORTISE BOLT LOCK with MECHANICAL RELEASE FAIL-SAFE (SINGLE CYLINDER PREP)

DOOR PREPARATION



FRAME PREPARATION



**NOTE: NOT TO SCALE.
DIMENSIONS ARE SUBJECT
TO CHANGE WITHOUT NOTICE.**

TECHNICAL DATA (FOR STANDARD UNIT)

FACE PLATE:	10-1/2" x 1-1/2" X 1/8"
STRIKE:	4" x 1-1/2" x 1/8"
ID REQUIREMENTS:	10-1/2" x 1-1/2" x 2-7/8"
BOLT:	5/8" DIA. STAINLESS STEEL
BOLT THROW:	3/4"
BACK SET:	1-7/8"

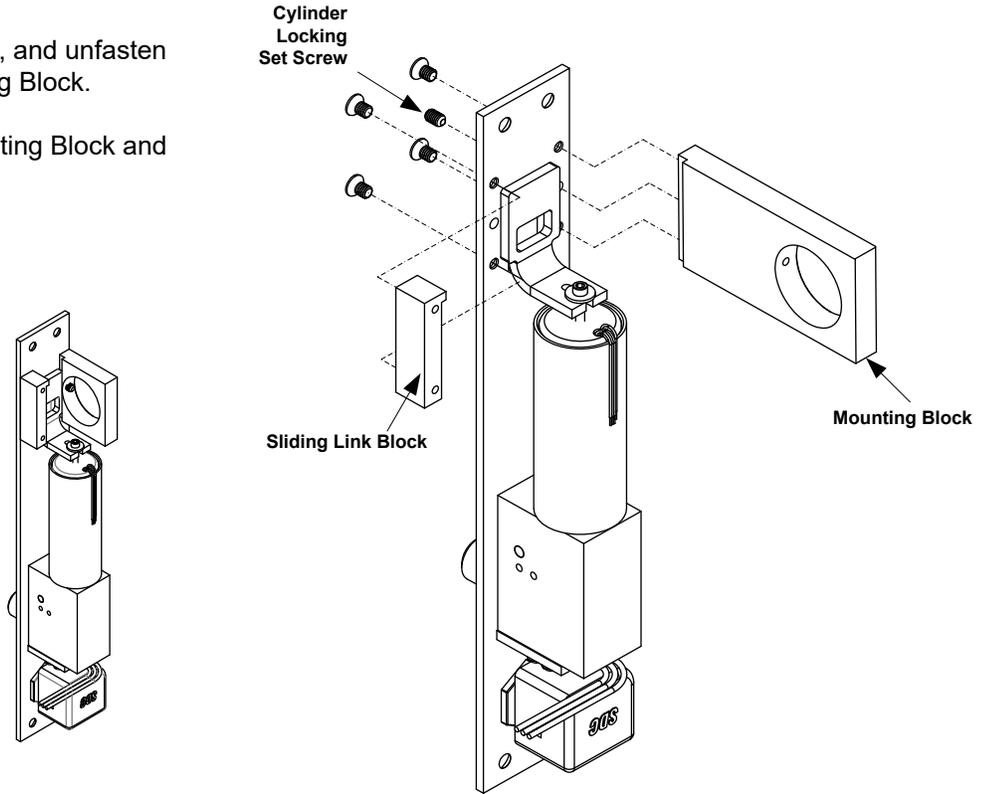
Any suggestions or comments to this instruction or product are welcome. Please contact us through our website or email engineer@sdsecurity.com



INSTRUCTIONS FOR REVERSING THE MOUNTING BLOCK

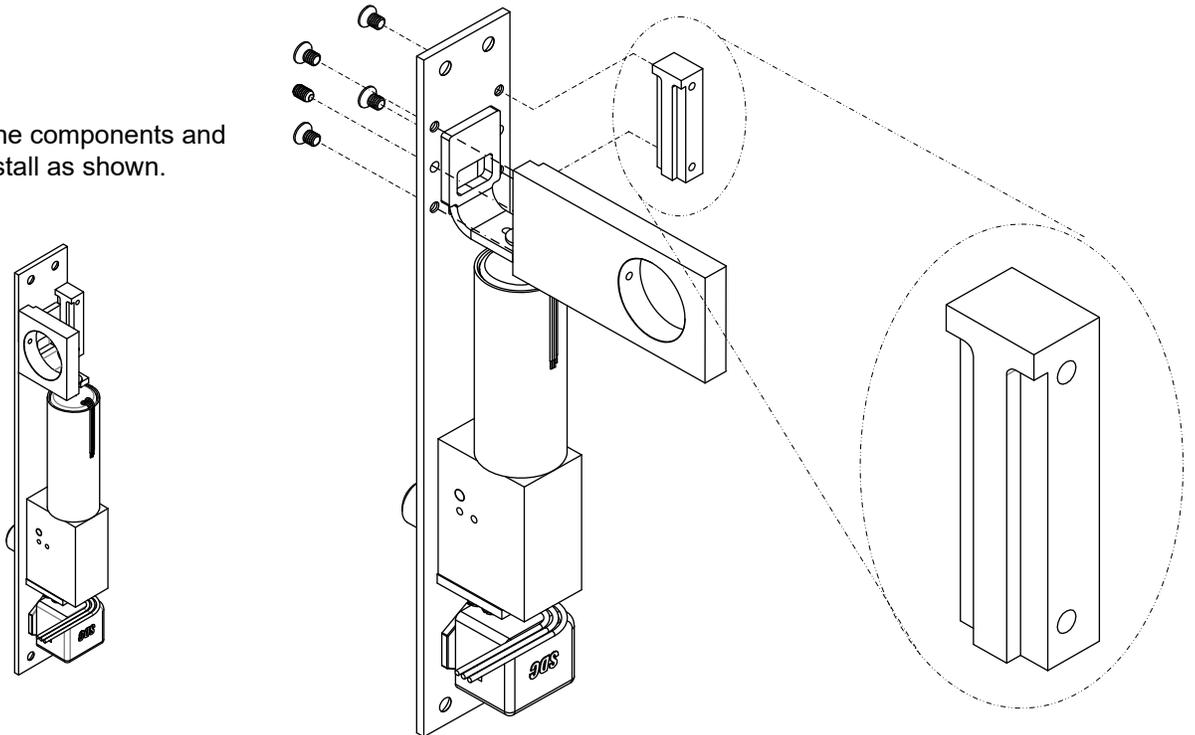
Remove the Cylinder locking set screw, and unfasten the Mortise Cylinder out of the Mounting Block.

Remove the screws securing the Mounting Block and the Sliding Link Block.



Make sure the sliding Link Block is positioned properly

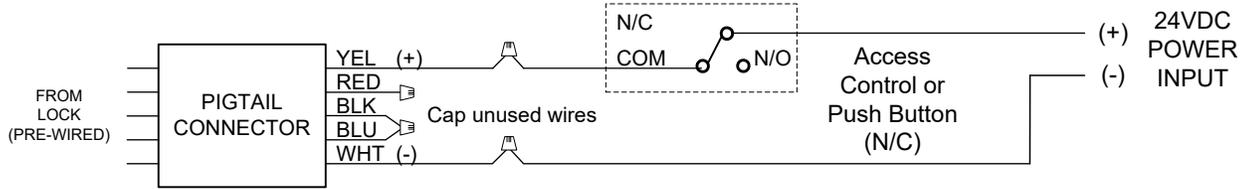
Reverse the components and re-install as shown.



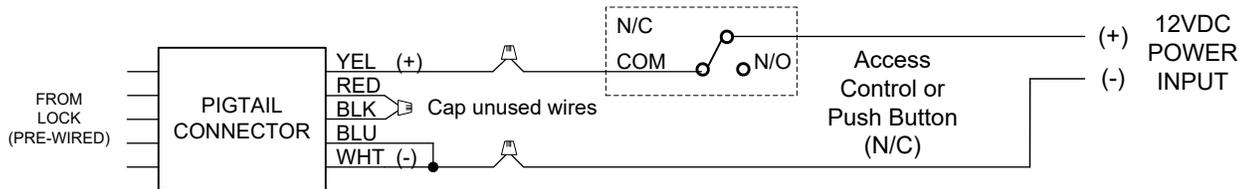
LOCK WIRING

Select 24VDC OR 12VDC Configuration, and use provided pigtail connector:

24VDC SOLENOID CONFIGURATION



12VDC SOLENOID CONFIGURATION



Electrical Data

Dual Voltage Solenoid:

12VDC @ .9 Amp (Max) Continuous Duty
 24VDC @ .45 Amp (Max) Continuous Duty

OPTIONAL BOLT POSITION SENSOR (BPS-MAGNETIC)

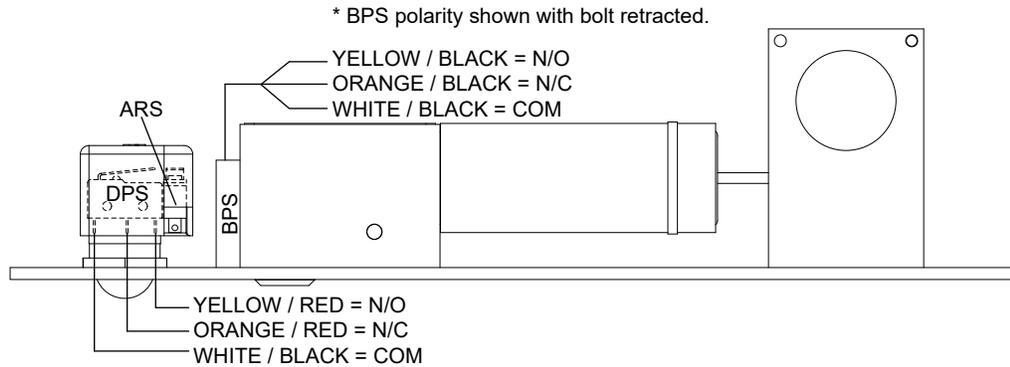
B Indicates bolt locked or unlocked 5 Watt

OPTIONAL DOOR POSITION SWITCH (DPS-MECHANICAL)

D Indicates door opened or closed
 4A @ 30VDC (Resistive)

* When both options are ordered the Common is shared.

DPS / BPS CONFIGURATION



* BPS polarity shown with bolt retracted.

* DPS polarity shown with door closed.