



# INSTALLATION INSTRUCTIONS

## Z7200 SOLENOID CONTROLLED CYLINDRICAL LOCKSET

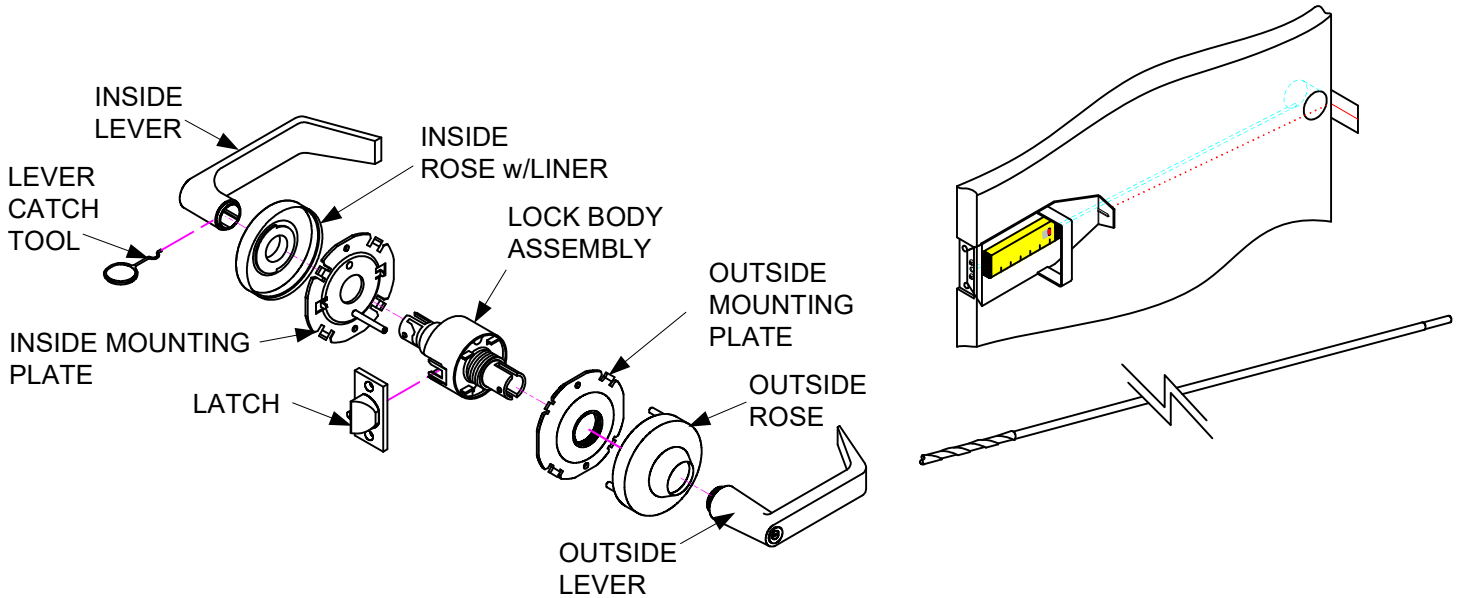
FOR USE ON DOORS 1-3/8" ~ 2" (35mm ~ 51mm) THICK

### TOOLS REQUIRED FOR NEW INSTALLATION:

- |                            |                          |
|----------------------------|--------------------------|
| 1 philips head screwdriver | 1 2-1/8" (54MM) hole saw |
| 1 1" (25.4mm) drill bit    | 1 5/16" (8mm) drill bit  |
| 1 chisel                   | 1 file                   |

### OPTIONAL:

- DOOR CORE DRILLING GUIDE KIT  
SDC P/N: 7000-DGK

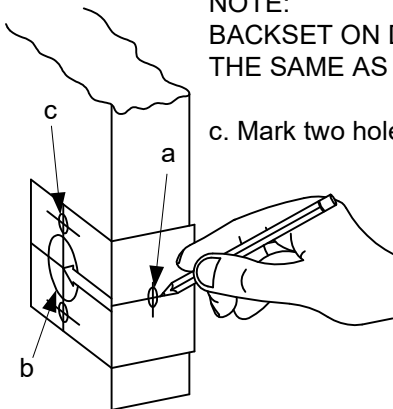


## 1. MARK DOOR

- Mark centerline on door face and door edge (usually 38" from finished floor)
- Standard supplied backset is 2-3/4" optional backset is 2-3/8". Mark center hole on door face depending on backset option.

NOTE:  
BACKSET ON DOOR FACE MUST BE THE SAME AS BACKSET OF YOUR LOCK.

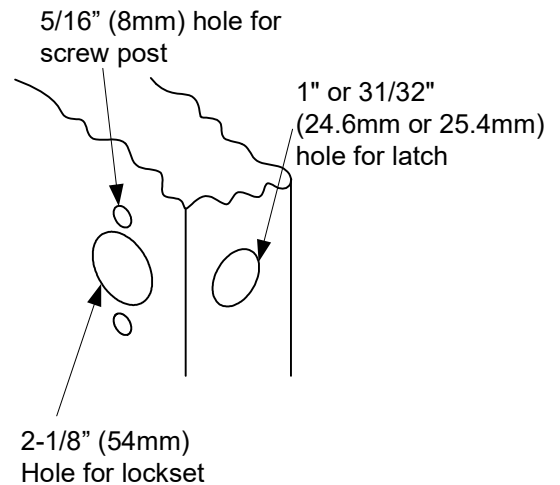
- Mark two holes for screw post.



Fold template for High or Low Bevel positioning (reference template)

\* Refer to page 6 for dimensions.

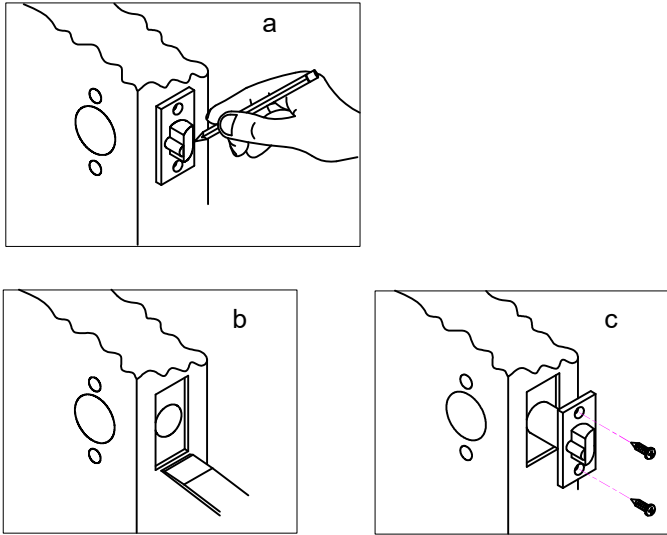
## 2. DRILL HOLES



### 3. INSTALL LATCH

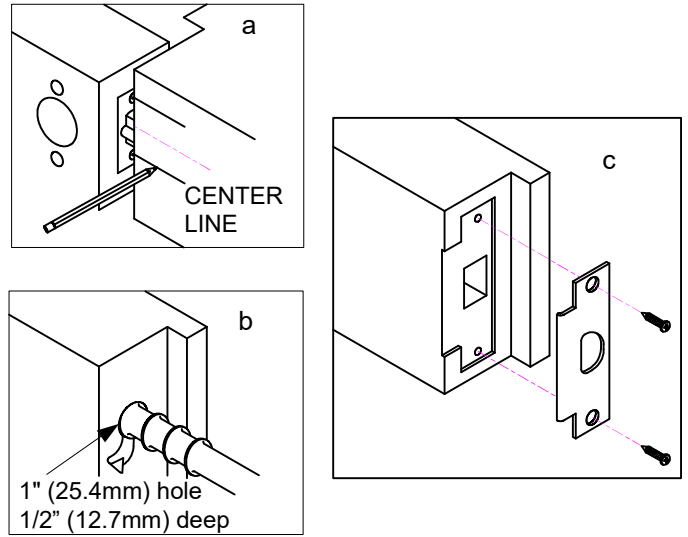
- Insert latch in hole and keep it parallel to door face. Mark outline and remove latch.
- For wood doors chisel 1/8" (3mm) deep or until faceplate is flush with door edge.
- Insert latch and tighten screws.

**NOTE:**  
LATCH BOLT BEVEL MUST FACE TOWARDS CLOSING DIRECTION.

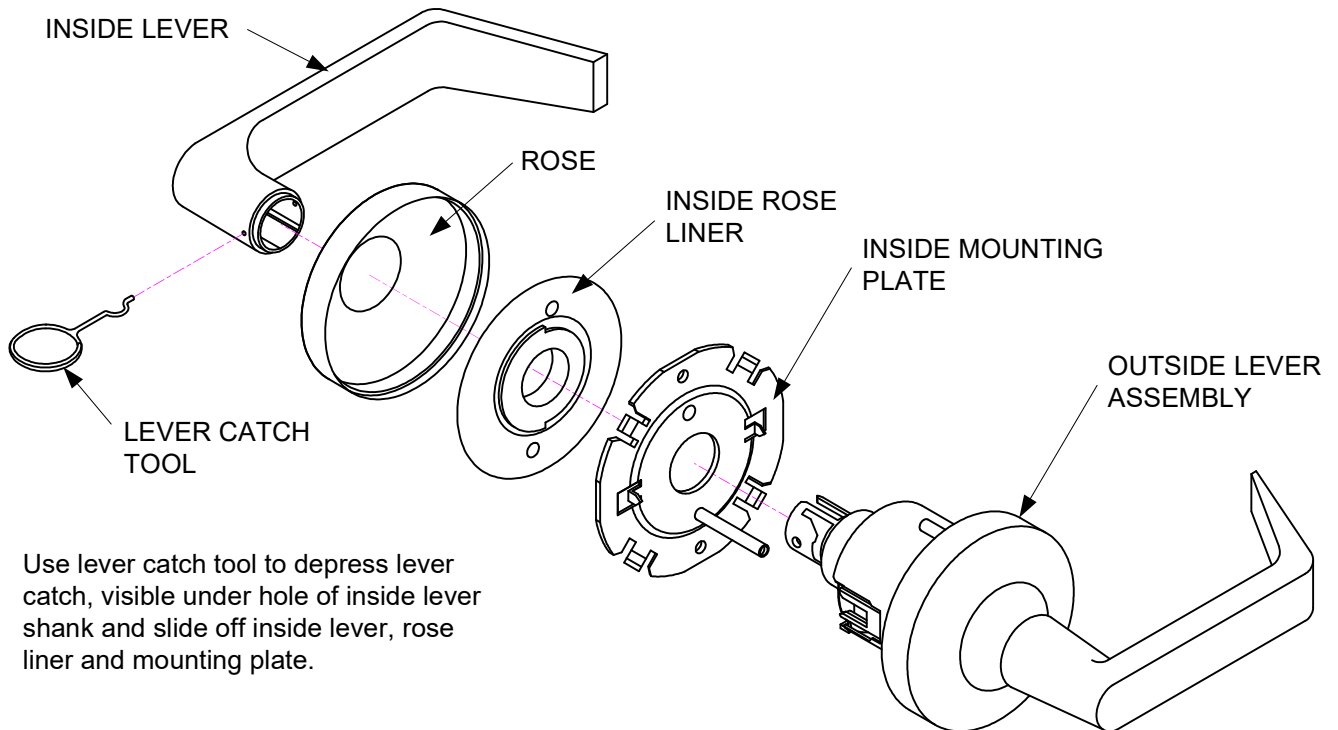


### 4. INSTALL STRIKE

- Close door to mark horizontal line of strike.
- For wood frames measure one half of door thickness from door stop to mark vertical center line of strike. Drill 1" (25.4mm) hole, 1/2" (12.7mm) deep at intersection of horizontal and vertical center lines.
- Cut out jamb 3/32" (2.4mm) deep or until strike is flush with jamb. Tighten screws securely.

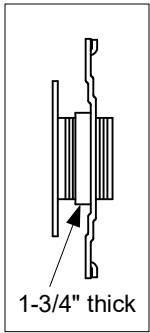


### 5. REMOVE INSIDE TRIM

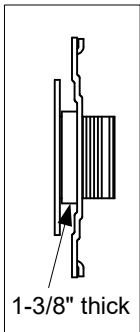
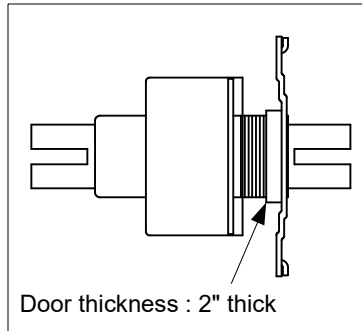


Use lever catch tool to depress lever catch, visible under hole of inside lever shank and slide off inside lever, rose liner and mounting plate.

## 6. ADJUST OUTSIDE MOUNTING PLATE PER DOOR THICKNESS

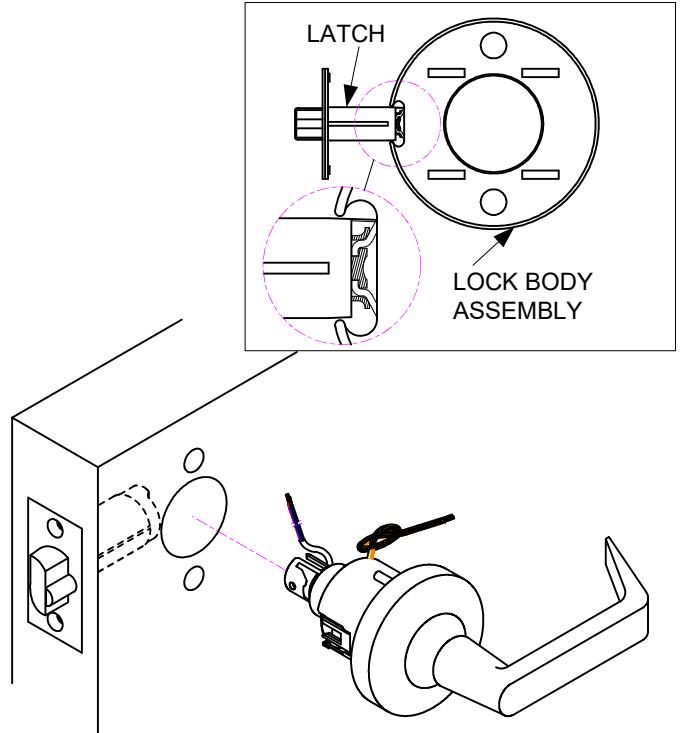


\* Factory set spacing



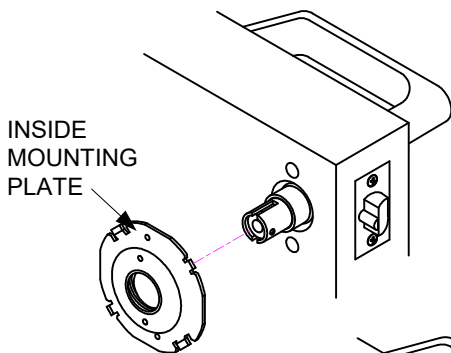
## 7. INSTALL OUTSIDE LEVER ASSEMBLY

Install outside lever assembly on the door. Make sure tail of latch is engaging with retractor correctly as illustrated. Refer to wire diagram on last page for wiring.

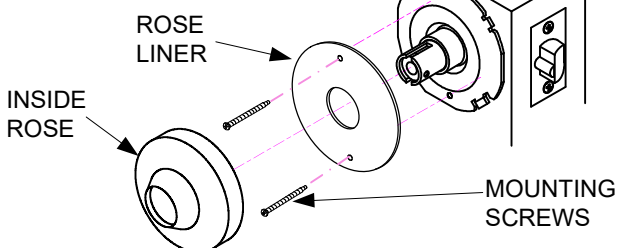


## 8. INSTALL INSIDE MOUNTING PLATE AND ROSE

a. Install inside mounting plate to lock body.

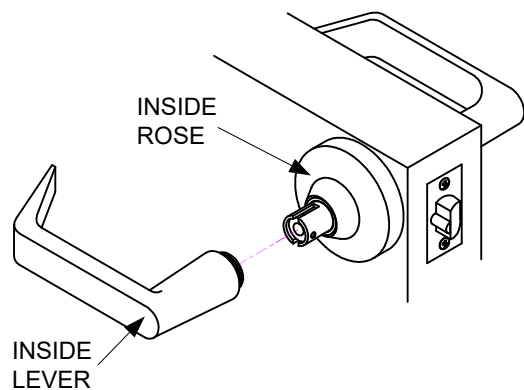


b. Press inside rose onto mounting plate and tighten screws securely.



## 9. INSTALL LEVER

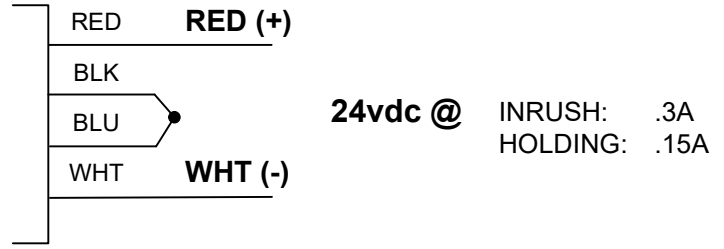
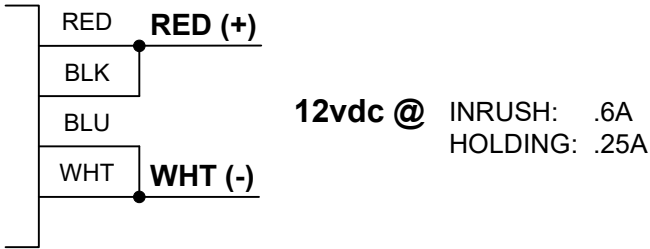
a. Push inside lever on completely until catch engages in lever. Confirm lever is secured.





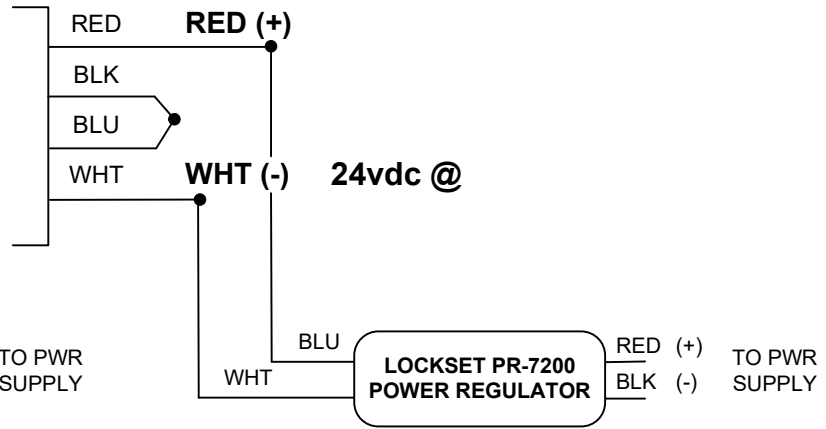
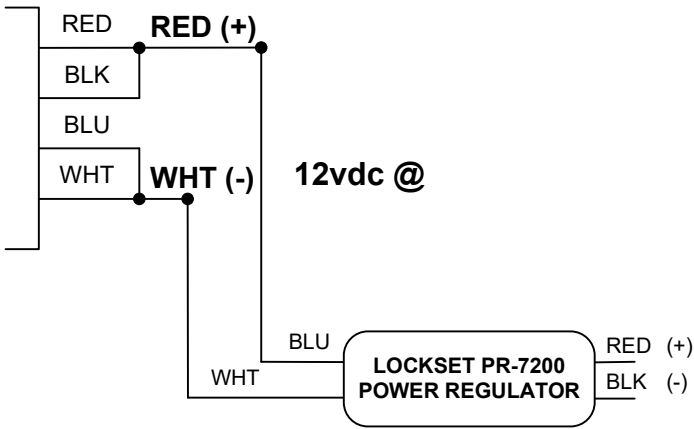
**WIRE DIAGRAM**  
7252 Models  
(Fail-Secure)

**STANDARD WIRING:**



**OPTIONAL PR-7200 WIRING:**

Using the PR-7200 limits the power consumption, reduces operating temperature, and suppresses inductive kickback. (The PR-7200 is only supplied with the Fail-Safe models.)



**OPTIONAL MONITORING WIRING:**

LATCH STATUS MECHANICAL SWITCH SPDT  
3A @ 30VDC

REQUEST-TO-EXIT MAGNETIC SENSOR  
200mA @ 30VAC (RESISTIVE)

LATCH STATUS:  
COM = WHT/RED  
N/C = ORG/RED  
N/O = YEL/RED

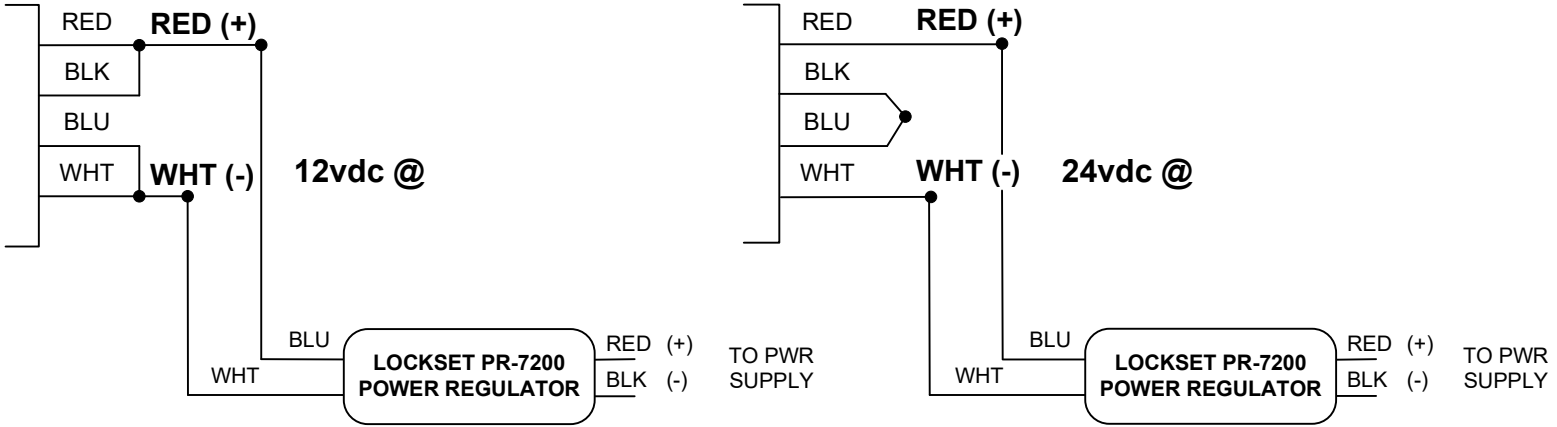
\*Both options cant be used simultaneously.

REX:  
COM = GREY  
N/C = YELLOW  
N/O = ORANGE



**WIRE DIAGRAM  
7250 Models  
(Fail-Safe)**

The PR-7200 power regulator is included with all Fail-Safe models. Using the PR-7200 limits the power consumption, reduces operating temperature, and suppresses inductive kickback. The use of the PR-7200 is highly recommended for locks which will be energized for extended periods of time.



**OPTIONAL MONITORING WIRING:**

LATCH STATUS MECHANICAL SWITCH SPDT  
3A @ 30VDC

REQUEST-TO-EXIT MAGNETIC SENSOR  
200mA @ 30VAC (RESISTIVE)

LATCH STATUS:  
COM = WHT/RED  
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\*Both options cant be used simultaneously.

REX:  
COM = GREY  
N/C = YELLOW  
N/O = ORANGE



### DIMENSIONAL LAYOUT

**DO NOT USE AS A PHYSICAL TEMPLATE. THIS LAYOUT IS INTENDED AS A DIMENSIONAL REFERENCE ONLY. USE THE TEMPLATE PACKAGED WITH THE LOCK**

