**Door Preparation**

- All doors should be properly reinforced for lock support. If support is not provided, contact door manufacturer.
- For all metal door preparations use template A4375, EXCEPT for functions 10G70 or 10G71 which uses template 4409 (provided), or functions 10U93, 10U94 and 10U94-2 which require template A4375.
- For all wood door preparations use template A6719, EXCEPT for functions 10G70 & 10G71 which uses template 4409 (provided), or functions 10U93, 10U94 and 10U94-2 which requires template A4375.
- Template information is available on our website, www@sargentlock.com.

**Important:** Deadlocking latch must stop on strike when door is closed.

**Tools**

- #2 Phillips screwdriver
- Push pin (provided)
- 7/16" drill bit
- 1/8" drill bit
- 2-1/8" bore
- 1" bore

**Parts**

1. Inside lever
2. Scalp (2)
3. Screws – mounting plate (2) #6 x 3/4" self-tapping
4. Spacer bushing (2)
5. Inside rose assembly
6. Screws – through-bolt (2) #10-32 x 1-1/4"
7. Lockbody
8. Outside rose assembly
9. Cylinder spacer
10. Cylinder
11. Outside lever
12. Key
13. Push pin
14. Latch
15. Screws – latch & strike (4) #8-32 x 3/4"
16. Strike
17. Strike box

**Frame Prep for Strike**

- Centerline of latch front and strike
- Screws (2) #8-32 x 3/4"

**Mark and Drill Holes**

- 38" from Finished Floor
- Door Bevel
- Backset must match lock (2-3/8" or 2-3/4")
- Fold template onto high edge of door bevel

**Final Door Prep**

- 1" (25mm) hole
- 2-1/4" (57mm) hole
- 7/16" (11mm) hole
- 2-1/8" (54mm) hole
- 1-1/8" (29mm)

**IMPORTANT:** Deadlocking latch must stop on strike when door is closed.
Latch Installation

Install loosely; tighten after step #3

Screws (2)

#8-32 x 3/4"

Please note: Doors without a beveled edge need to be adjusted to center the latch - adjust per step 2A.

Preset Lock

Through-bolt Location – 12 and 6 o’clock
Door Thickness – 1-3/4” thick
See Step 2A for other door conditions

Outside of Door

Through-bolt holes

Mounting plate with through-bolts

Spacers bushes

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**Lever and Cylinder Removal**

**Standard Cylinder**

- Rotate key 45 degrees and hold
- Depress lever catch with push pin tool

**Interchangeable and Removable Core Cylinder**

- Remove cylinder and tailpiece, using control key (stamped “C”)
- Insert Phillips #2 screw driver into cylinder opening making contact with lever catch.
- Pull lever catch horizontally towards door hinge and remove lever.

*Note - 1 Bitted cylinders utilize a control key cut 113511*

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**Standard Cylinder Installation**

**IMPORTANT:**

10G16, 10G30, 10G54 Functions:
Before installing cylinders, rotate all cams counterclockwise until it stops, using a flat tip screwdriver. (Cam is located in the lever support tube of lockbody)

10G26 & 10G38 Functions:
See supplemental instruction sheet A8082

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**Interchangeable or Removable Core Installation**

- Remove construction core or plastic core
- If keyed – use Control Key (stamped “C”) rotate 15 degrees and pull

**IMPORTANT:**

Remove tailpiece from construction core and insert into new cylinder

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**Remove**

- Construction Core
- Remove/Reuse 6 Pin Tailpiece
- Plastic Core

**Install**

- New/Final Cylinder
- Keyed Cylinder
- 7-pin – in box
- 6-pin – in core

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**Correct key orientation during assembly**

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**New Cylinder**
**Remove 10G13**

- Remove inside (non-rigid) lever with standard push pin
- Insert long push pin into inside lockbody tube and push to release spring loaded lever catch plug assembly for the outside lever
- Remove the outside lever with lever catch plug assembly attached

**Function Description:**

- 10G70 Fail Secure
  - Power OFF unlocks outside lever
  - Power ON locks outside lever
  - Key retracts latch at all times
- 10G71 Fail Secure
  - Power ON unlocks outside lever
  - Power OFF locks outside lever
  - Key retracts latch at all times

**Install 10G70 & 10G71**

- Power Required: 24Volt DC, .25 amps, wiring information provided
- Wires must be protected from abrasion
- Important- See correct door template 4409 provided or on the website at www@sargentlock.com.

**Install 10U93**

- Scalp to be removed with flat bladed screwdriver

**Install 10U94/10U94-2**

- Scalp to be removed with flat bladed screwdriver

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**SARGENT**

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