INSTALLATION INSTRUCTIONS FOR
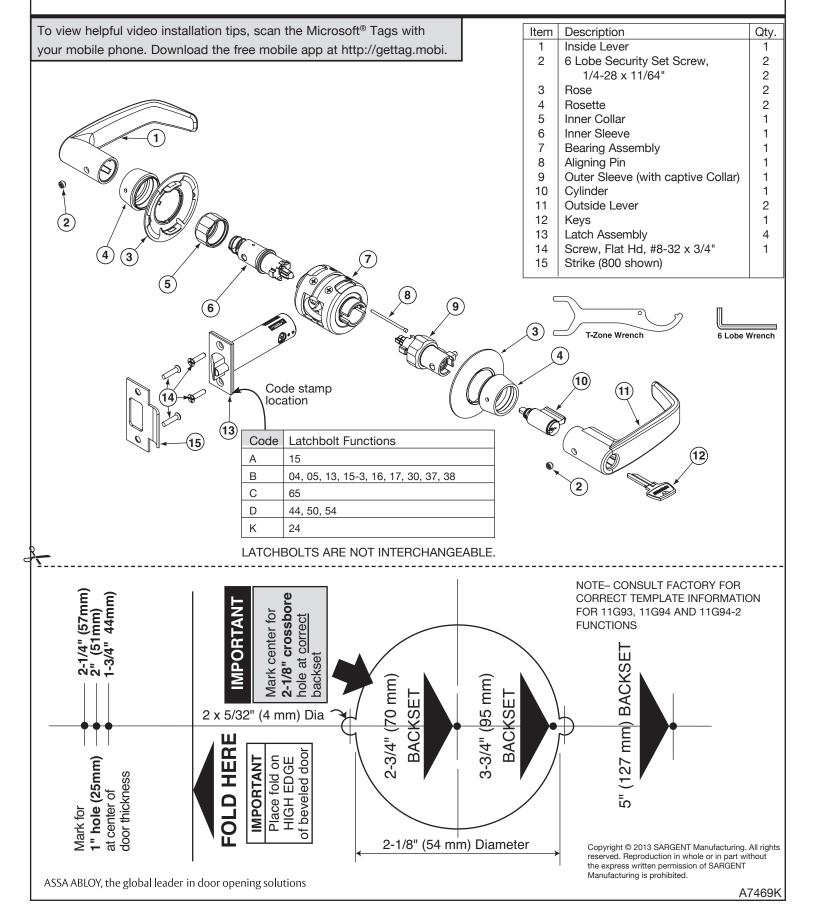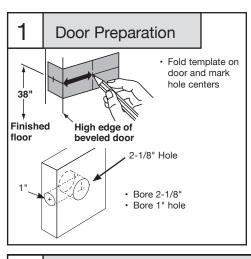# 11 Line U.S. Patent No. 6,626,018
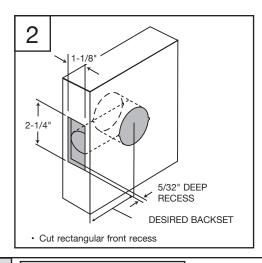
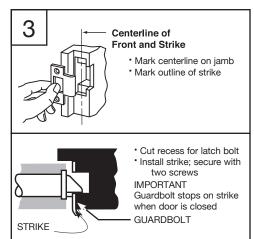FOR ASSISTANCE, CONTACT SARGENT AT 800-727-5477 or www.sargentlock.com

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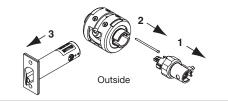**ASSA ABLOY**

To view helpful video installation tips, scan the Microsoft® Tags with your mobile phone. Download the free mobile app at http://gettag.mobi.

Item	Description	Qty.
1	Inside Lever	1
2	6 Lobe Security Set Screw, 1/4-28 x 11/64"	2 2
3	Rose	2
4	Rosette	2
5	Inner Collar	1
6	Inner Sleeve	1
7	Bearing Assembly	1
8	Aligning Pin	1
9	Outer Sleeve (with captive Collar)	1
10	Cylinder	1
11	Outside Lever	2
12	Keys	1
13	Latch Assembly	4
14	Screw, Flat Hd, #8-32 x 3/4"	1
15	Strike (800 shown)	

T-Zone Wrench

6 Lobe Wrench

Code stamp location

Code	Latchbolt Functions
A	15
B	04, 05, 13, 15-3, 16, 17, 30, 37, 38
C	65
D	44, 50, 54
K	24

LATCHBOLTS ARE NOT INTERCHANGEABLE.

NOTE– CONSULT FACTORY FOR CORRECT TEMPLATE INFORMATION FOR 11G93, 11G94 AND 11G94-2 FUNCTIONS

2-1/4" (57mm)
2" (51mm)
1-3/4" (44mm)

Mark for
1" hole (25mm)
at center of
door thickness

IMPORTANT

Mark center for **2-1/8" crossbore** hole at correct backset

2 x 5/32" (4 mm) Dia

FOLD HERE

IMPORTANT Place fold on HIGH EDGE of beveled door

2-3/4" (70 mm) BACKSET

3-3/4" (95 mm) BACKSET

5" (127 mm) BACKSET

2-1/8" (54 mm) Diameter

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1 — Door Preparation

- Fold template on door and mark hole centers

38"

Finished floor

High edge of beveled door

2-1/8" Hole

1"

- Bore 2-1/8"
- Bore 1" hole

2

1-1/8"

2-1/4"

5/32" DEEP RECESS

DESIRED BACKSET

- Cut rectangular front recess

3

Centerline of Front and Strike

- Mark centerline on jamb
- Mark outline of strike

- Cut recess for latch bolt
- Install strike; secure with two screws

IMPORTANT
Guardbolt stops on strike when door is closed

STRIKE

GUARDBOLT

4 — Lock Disassembly

1. Unthread collar and remove OUTSIDE sleeve
2. Remove aligning pin from bearing assembly
3. Separate latch from bearing assembly

Scan to see a video of this installation step.

Inside

Outside

5 — Latchset Installation

Scan to see a video of this installation step.

Hold door open with door stop

1. Insert bearing assembly
2. Insert latch assembly
3. Insert aligning pin from secure side (outside) of door
4. Install latch plate screws. Do not tighten completely until lock installation is finished
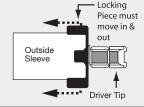
Inside

Outside

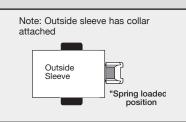## 6 — Function Specific Instructions - Sleeve Assembly

IMPORTANT: Sleeves with colored driver tips require that the slotted cam be rotated allowing the spring loaded locking piece to move freely in and out of the outside sleeve

Driver Tips with red markings must match up before assembling lock

PLEASE NOTE — Some driver tips have two color markings for function identification

| 11G54 - green | 11U65 - blue |
| 11G24 - yellow | 11G05 - only red |

Locking Piece must move in & out

Outside Sleeve

Driver Tip

Note: Outside sleeve has collar attached

Outside Sleeve

"Spring loaded position

See Specific Instructions Per Function. Identify Function On Box (Example: 11G05)

For functions not shown proceed to step 7

Outside Sleeve	Function Number	Function Description	Inside Sleeve
	04	Storeroom/Closet	Follow Step 7
	05	Entrance/Office	
	16	Classroom Security/Apartment	
Align driver tips matching the painted sections	17	Utility/Asylum	Scan to see a video of this installation step.
	24	Entry	Follow Step 7
	44	Service Station	
	65	Privacy/Bathroom	
	38	Classroom Security	Follow Step 7
	54	Dormitory	
See A7608B	50	Hotel/Motel	See A7608B

2

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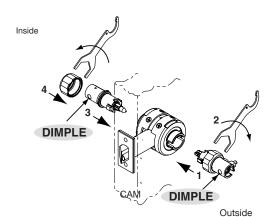
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7 | Sleeve Installation

1. With driver tips aligned, insert outside sleeve first. Dimple must face door edge
2. Thread outside collar by hand. Tighten to bearing assembly with wrench
3. Insert inside sleeve. Dimple must face door edge
4. Thread inside collar by hand. Tighten to bearing assembly with wrench

Caution: If excessive wrench torque is required, stop and check alignment of driver tips

Scan to see a video of this installation step.
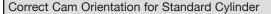
Inside

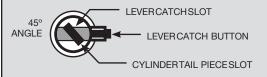**DIMPLE**

DIMPLE

CAM

Outside

8 | Cam Orientation

1. Lock lever by button if applicable
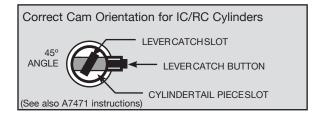2. Turn slotted cam until lever catch button can be depressed

Scan to see a video of this installation step.

NOTE: Dark colored cams on the inside designate for use with standard cylinders. Silver colored cams on the inside designate for use iwth I/C & R/C cylinders.

Correct Cam Orientation for Standard Cylinder

45°
ANGLE

LEVER CATCH SLOT
LEVER CATCH BUTTON
CYLINDER TAIL PIECE SLOT

Correct Cam Orientation for IC/RC Cylinders

45°
ANGLE

LEVER CATCH SLOT
LEVER CATCH BUTTON
CYLINDER TAIL PIECE SLOT

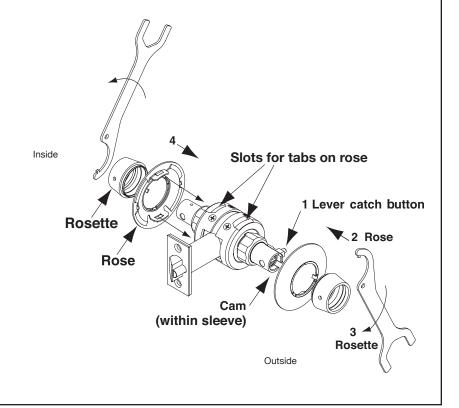(See also A7471 instructions)

9 | Rose Installation

1. Slide rose over sleeves aligning tabs on rose with slots on bearing assembly
2. Hand tighten rosettes to door surface

Caution: If excessive wrench torque is required, stop and check for cross-threading

Note: Rosettes must be tightened simultaneously to ensure proper centering of lock on door.

Scan to see a video of this installation step.

Inside

Slots for tabs on rose

Rosette

Rose

1 Lever catch button

2 Rose

Cam (within sleeve)

3 Rosette

Outside

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Function Specific Directions - Lever Installation

For functions not shown proceed to step 10

Inside Sleeve	Function	Function Description	Outside Sleeve	
Lock lever by button	05	Entrance/Office	Rotate cam until lever catch button can be depressed, holding cam in rotated position	Scan to see a video of this installation step.
	24	Entry		
	44	Service Station		
	65	Privacy/Bathroom		
	04	Storeroom/Closet		
Rotate cam until lever catch button can be depressed, holding cam in rotated position	17	Utility/Asylum		
Rotate cam counterclockwise until it stops.	16	Classroom Security/ Apartment	Rotate cam until lever catch button can be depressed	
	30	Communicating	Rotate cam counterclockwise until it stops. Then rotate back 45° until lever catch button can be depressed.	
	38	Classroom Security	Rotate cam counterclockwise until it stops. Then rotate back 45° until lever catch button can be depressed.	Scan to see a video of this installation step.
Lock lever by button	54	Dormitory	Rotate cam counterclockwise until it stops. Then rotate back 45° until lever catch button can be depressed.	
See A7608B	50	Hotel/Motel	See A7608B	

10 Lever Installation

1. For conventional cylinder, place cylinder into lever. Insert key and turn 45° CLOCKWISE to align cylinder tailpiece with deep slot in cam (see slotted cam illustration in step 8). For removable or interchangeable core, see separate instruction sheet (A7471).

2. Install outside lever. Push on until lever catch engages

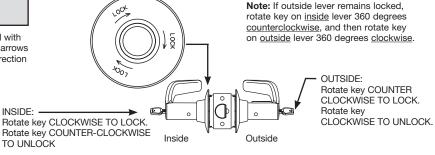**Note:** If outside lever won't secure in place, rotate key clockwise until lever catch is released.

3. Secure with 6 lobe security set screw until flush with lever surface

4. Install inside lever. On 17 and 30 function, push on until lever catch engages.

5. Secure with 6 lobe security set screw until flush with lever surface

6. Complete tightening of two latchbolt screws

7. Check operation of levers and latchbolt before closing door

Scan to see a video of this installation step.

Lever catch

Tailpiece

Cam

Inside

Outside

45°

11 11G38 Classroom Security Function

Function Description: Inside lever is always unlocked. Inside key locks/unlocks outside lever. When inside key locks outside lever, outside key retracts the latchbolt but cannot unlock the outside lever.
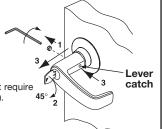
Inside rose is marked with "Lock" and direction arrows to indicate locking direction

Note: If outside lever remains locked, rotate key on inside lever 360 degrees counterclockwise, and then rotate key on outside lever 360 degrees clockwise.

INSIDE:
Rotate key CLOCKWISE TO LOCK.
Rotate key COUNTER-CLOCKWISE TO UNLOCK

Inside   Outside

OUTSIDE:
Rotate key COUNTER CLOCKWISE TO LOCK.
Rotate key CLOCKWISE TO UNLOCK.

12 Cylinder Removal (Conventional)

1. Remove 6 lobe security set screw

2. Insert key and rotate 45° clockwise to release lever catch

3. Depress lever catch and remove lever

Please Note: Removable and interchangeable core cylinders do not require removing the lever to install. See separate instruction sheet (A7471).

Lever catch

45°

13 11U65 Outside Lever Removal

1. Remove 6 lobe security set screw

2. Lock outside lever by pushing in button on inside lever.

3. Rotate slot on outside lever with flat blade screwdriver 45° to release lever catch and hold in place

4. Depress lever catch and remove lever

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