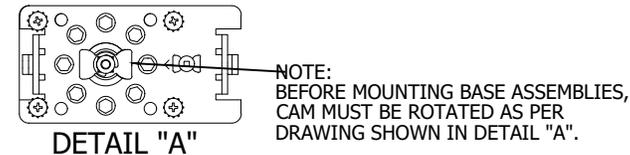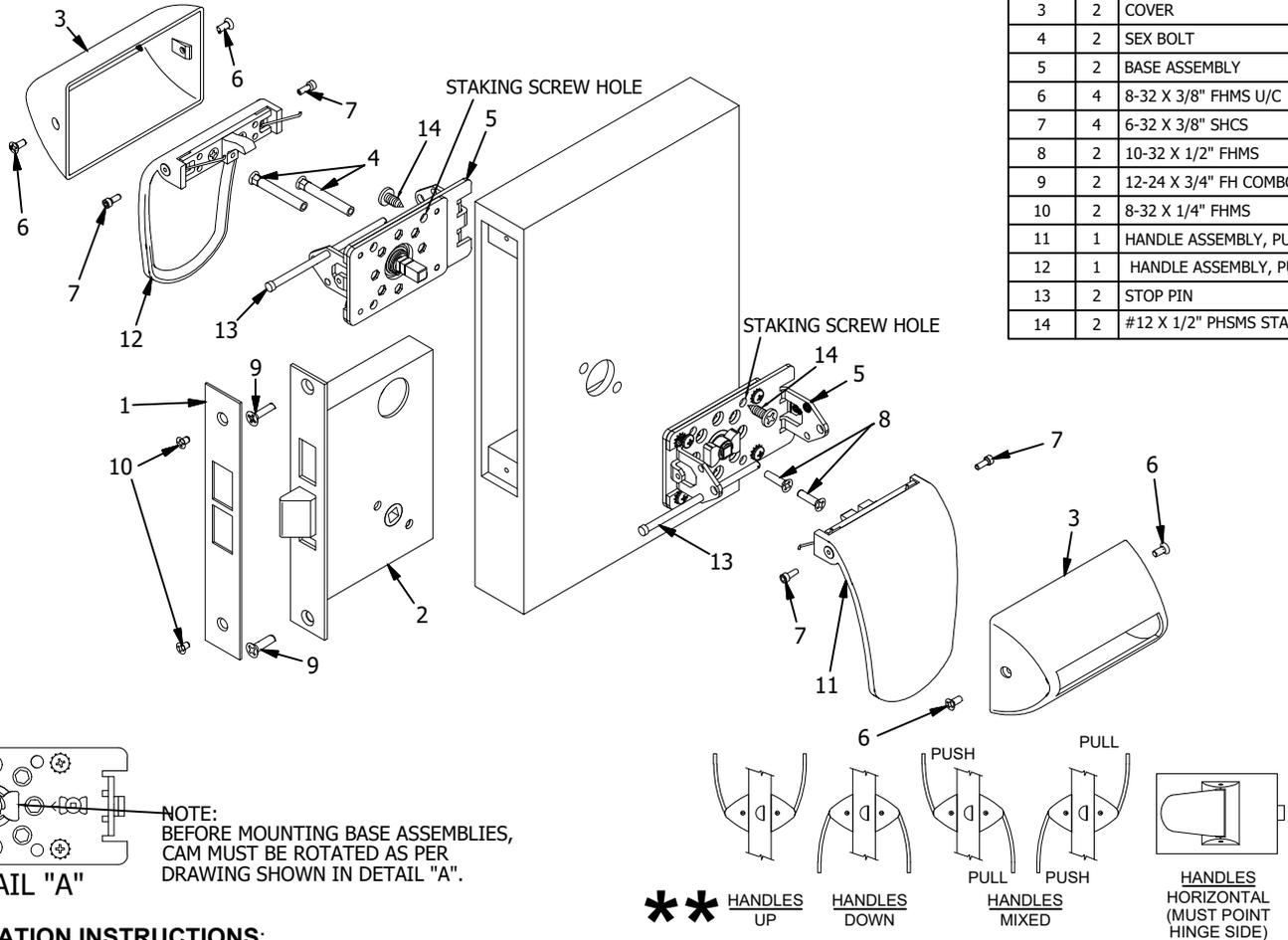# LR6600
INSTALLATION FOR MORTISE LOCK TRIM

NOTES
1. TRIM CAN BE MOUNTED UP, DOWN, HORIZONTALLY OR IN ANY COMBINATIONS ✱✱
2. USE ABH MORTISE LOCK DOOR PREP TEMPLATE
3. MORTISE LOCK CYLINDER NOT PROVIDED.

PARTS LIST		
ITEM	QTY	DESCRIPTION
1	1	FACE-PLATE, MORTISE LOCK
2	1	MORTISE LOCK BODY
3	2	COVER
4	2	SEX BOLT
5	2	BASE ASSEMBLY
6	4	8-32 X 3/8" FHMS U/C
7	4	6-32 X 3/8" SHCS
8	2	10-32 X 1/2" FHMS
9	2	12-24 X 3/4" FH COMBO SCREW
10	2	8-32 X 1/4" FHMS
11	1	HANDLE ASSEMBLY, PUSH
12	1	HANDLE ASSEMBLY, PULL
13	2	STOP PIN
14	2	#12 X 1/2" PHSMS STAKING SCREW

STAKING SCREW HOLE

STAKING SCREW HOLE

DETAIL "A"

NOTE:
BEFORE MOUNTING BASE ASSEMBLIES,
CAM MUST BE ROTATED AS PER
DRAWING SHOWN IN DETAIL "A".

✱✱ HANDLES UP — HANDLES DOWN — HANDLES MIXED (PUSH/PULL, PULL/PUSH) — HANDLES HORIZONTAL (MUST POINT HINGE SIDE)

INSTALLATION INSTRUCTIONS:

1. Install mortise lock body (item 2) using (2) 12-24 combo screws (item 9). Mount mortise lock face plate (item 1) using (2) 8-32 FHMS (item 10).

2. Determine if pull trim is to be mounted vertical or horizontal. Place pull side assembly on pull side of door and rotate cam as per detail A, shown above. Insert (2) sex bolts (item 4) into base assembly (item 5) through the mortise lock body to match holes on door face and mount on pull side of door.

3. Determine if push trim is to be mounted vertical or horizontal. Place push base assembly (item 5) on push side of door and rotate cam as per detail A, shown above. on the push side base assembly, place the (2) 10-32 screws (item 8) to match the holes on the door face and fasten to the sex bolts (item 4) from the pull side base assembly. **Test that the cams** rotate freely on both sides of the door after tightening the screws.

4. Fasten (1) 6-32 SHCS (item 7) on one side of the pull handle assembly (item 12). Then insert the fastened socket cap screw and pull handle assembly into position into pull base assembly and fasten other socket cap screw to fully secure handle assembly. Insert (1) stop pin (item 13) through the base assembly on the **opposite side** of the direction the pull handle assembly is pointing. (See above diagram which illustrates proper location for stop pin given the pull handle mounting shown.) **Test pull handle for proper operation to be sure stop pin was installed in appropriate base assembly hole.** Note: If the base assembly is mounted horizontally, then the handle must be mounted pointing toward the hinge side.

5. Repeat above step #4 on the push side of the door for the push handle assembly (item 11). Insert (1) stop pin (item 13) through the push base assembly on the **same side** of the direction the push handle assembly is pointing. (see above diagram which illustrates proper location for stop pin given the push handle mounting shown**.) Test push handle for proper operation to be sure stop pin was installed in appropriate base assembly hole.** Note: if the base assembly is mounted horizontally, then the handle must be mounted pointing toward the hinge side.

6. To prevent the handle assemblies from possible twisting, which in turn can cause binding, determine which staking screw hole will be used for the push and the pull side handle assemblies (the staking screw installs on the staking screw hole location opposite the direction the handle is mounted). Install (1) staking screw on each side using #12 PHSMS (item 14).

7. Place covers (item 3) over handles and fasten each side with (2) flat head screws (item 6).

PATENT PENDING

LR6600-1-03.DWG

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LR6600 SERIES HOLE PATTERN CHART

Lockset function	Inside holes					Outside holes				
	① Cylinder 1-1/4" dia.	② Turn knob 5/8" dia.	④ Trim 1-1/8" dia.	⑤ Thru-bolt 1/2" dia.(2)	⑥ Trim turn knob ✱(2)	① Cylinder 1-1/4" dia.	② Emergency Key 1/2" dia.	④ Trim 1-1/8" dia.	⑤ Thru-bolt 1/2" dia.(2)	⑥ Trim turn knob ✱(2)
LR6610 (Passage/Closet Latchset)			■	■				■	■	
LR6632 (Privacy)		■	■	■			■	■	■	
LR6637 (Store Door Lock)	■		■	■		■		■	■	
LR6638 (Entry/Restroom Lock)	■		■	■		■		■	■	
LR6641 (Asylum Lock)	■		■	■		■		■	■	
LR6645 (Hotel/Motel Lock)		■	■	■	■	■		■	■	
LR6652 (Office Lock)		■	■	■	■	■		■	■	
LR6653 (Dormitory/Bedroom Lock)		■	■	■		■		■	■	
LR6654 (Entry/Office Lock)		■	■	■	■	■		■	■	
LR6656 (Classroom Lock)			■	■		■		■	■	
LR6657 (Dormitory Lock)		■	■	■		■		■	■	
LR6658 (Storeroom/Exit Lock)			■	■		■		■	■	

✱ Determine trim holes based on trim type.

ADA recommends mounting centerline of lock 44" from top of finished floor.
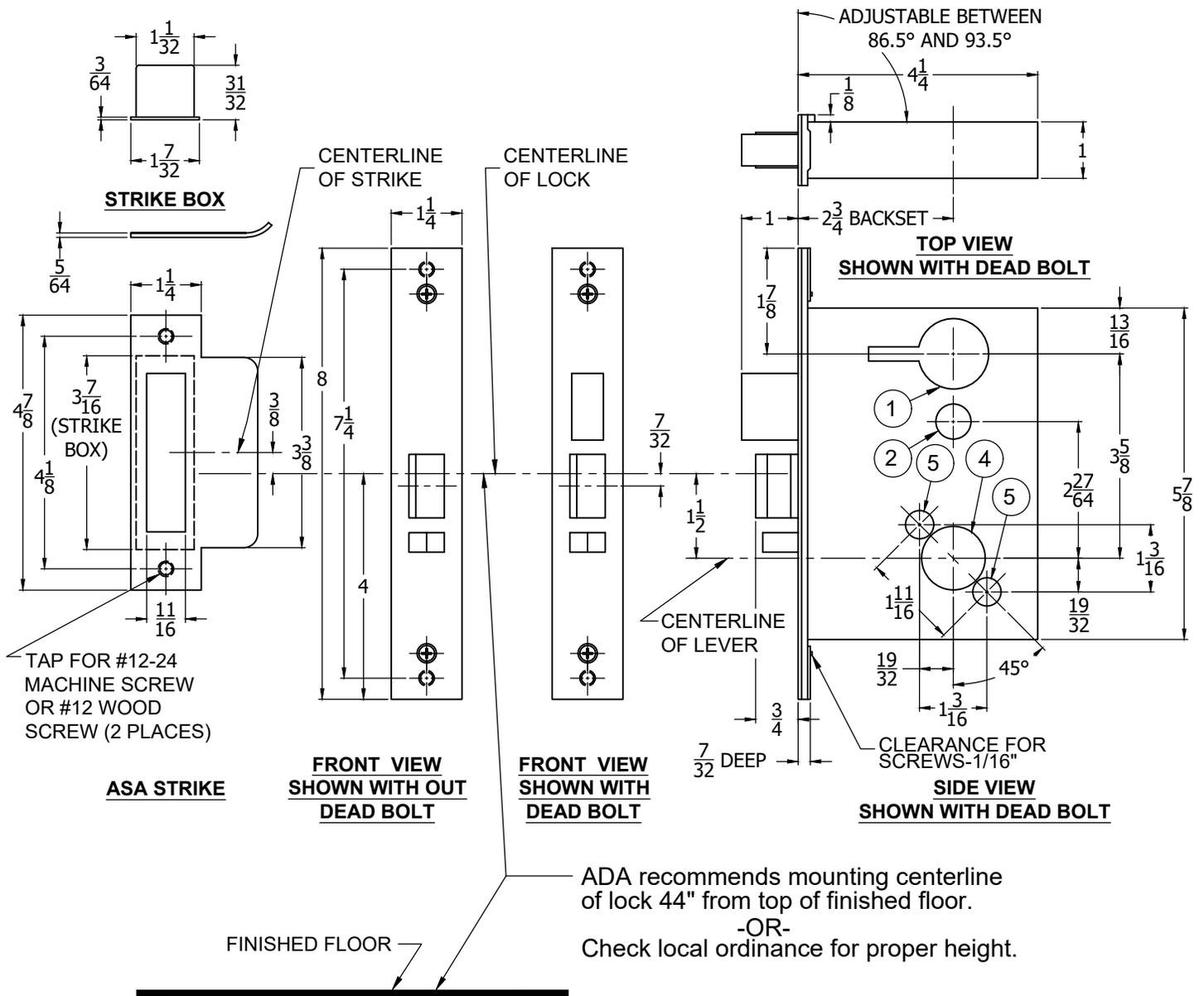
-OR- Check local ordinance for proper height.

Caution: Not all holes shown above need to be drilled. Use the diagram AND the chart to determine the holes that you need to drill for your trim and function combination.

1-1/4 dia. ①
SEE CHART ②
✱ ⑥
1/2 dia. ⑤
1-1/8 dia. ④
1/2 dia. ⑤
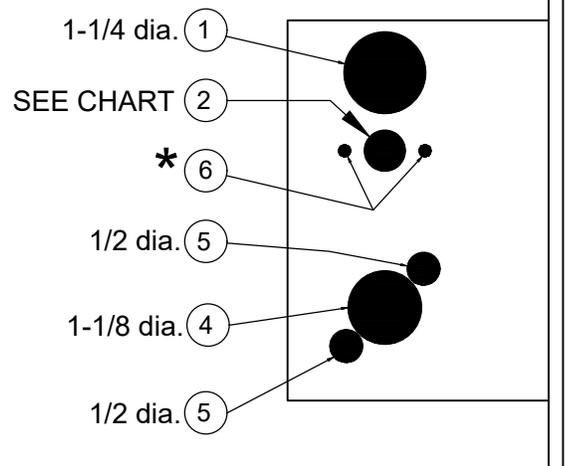
LR6600-2-03.DWG

LR6600 SERIES PUSH/PULL LATCH - DOOR & FRAME PREP

STRIKE BOX

ASA STRIKE

TAP FOR #12-24
MACHINE SCREW
OR #12 WOOD
SCREW (2 PLACES)

CENTERLINE
OF STRIKE

CENTERLINE
OF LOCK

**FRONT VIEW
SHOWN WITH OUT
DEAD BOLT**

**FRONT VIEW
SHOWN WITH
DEAD BOLT**

CENTERLINE
OF LEVER

ADJUSTABLE BETWEEN
86.5° AND 93.5°

$2\frac{3}{4}$ BACKSET

**TOP VIEW
SHOWN WITH DEAD BOLT**

$\frac{7}{32}$ DEEP

CLEARANCE FOR
SCREWS-1/16"

**SIDE VIEW
SHOWN WITH DEAD BOLT**

ADA recommends mounting centerline
of lock 44" from top of finished floor.
-OR-
Check local ordinance for proper height.

FINISHED FLOOR

Lock case holes:
① Cylinder hole-1-1/4" dia.
② Turn knob-5/8" dia. / Emergency key-1/2" dia.
④ Trim hole-1-1/8" dia.
⑤ Thru-bolt holes- (two required) 1/2" dia.

Notes:
1. Before drilling check the hole pattern chart.
2. The maximum door-to-frame gap is 3/16".
3. Allow 3/64" clearance for the strike box thickness.
4. For metal door, lock case support is required from
   the door manufacturer.
5. Tap for a #12-24 machine screw or drill for a #12
   wood screw (a combination screw is supplied).