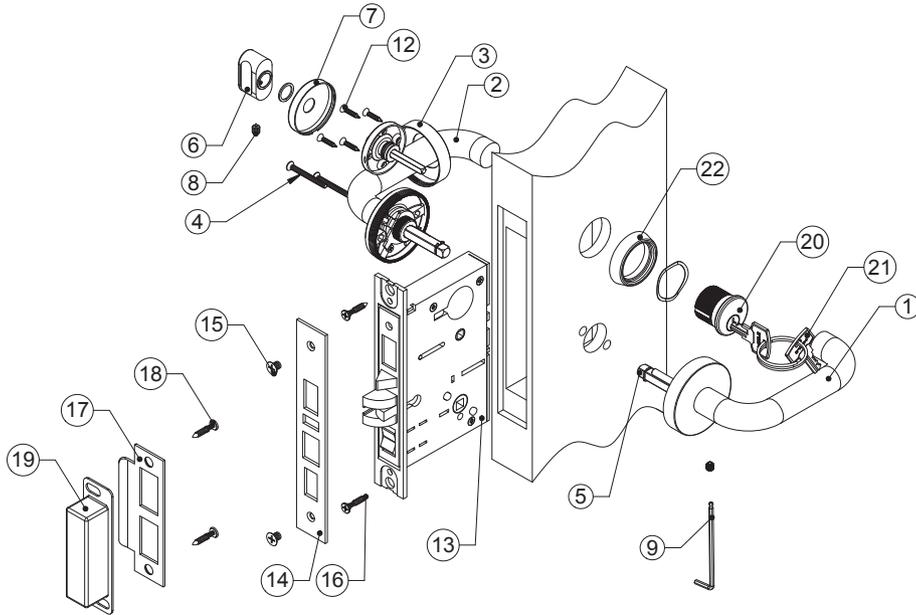


# XRA Rose with MC Mortise Lock Parts List:



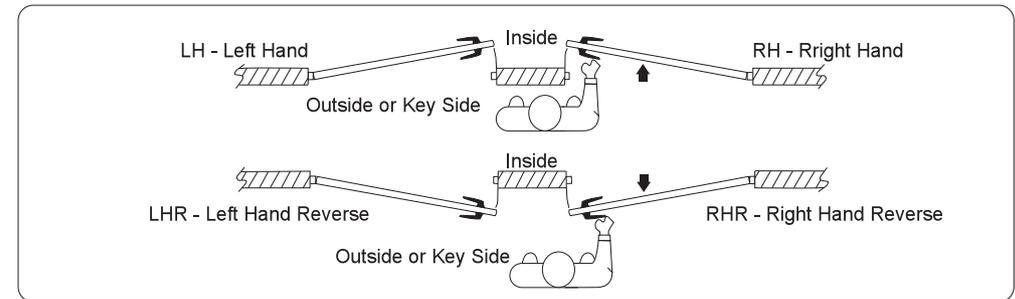
## XRA/XSE/XGT/XGS Installation Instructions

Mortise Lock

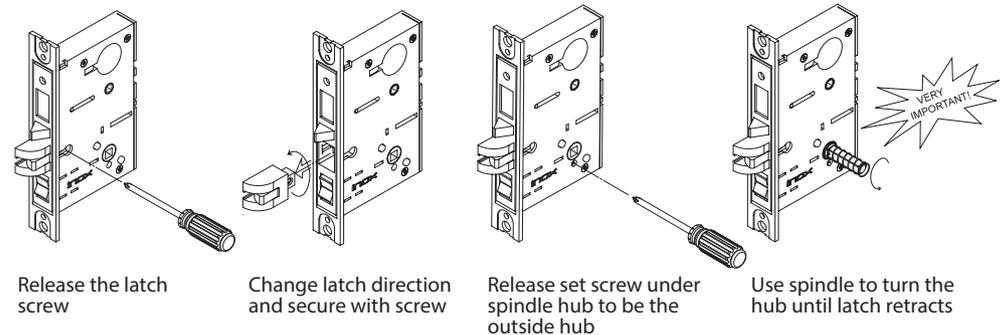
(PM-IS1301-V161001)

Items	No.	Parts Description	Function			
			Entry (F20/F04/F38)	Classroom (F05) Storeroom (F07)	Privacy (F22)	Passage (F01)
Leverset Parts	1	XRA Roses outside w/Lever & Cover	1 EA	1 EA	1 EA	1 EA
	2	XRA Roses Inside w/Lever	1 EA	1 EA	1 EA	1 EA
	3	XRA Inside rose Cover	1 EA	1 EA	1 EA	1 EA
	4	M4x1-3/8" (35mm) Machine Screw	2 EA	2 EA	2 EA	2 EA
	5	8x1-3/4" (45mm) spring Spindles	2 EA	2 EA	2 EA	2 EA
	6	TT04 Thumbturn rose with spindle	1 EA	—	1 EA	—
	7	Thumbturn rose cover	1 EA	—	1 EA	—
	8	M6 set screw for Thumbturn	1 EA	—	1 EA	—
	9	3mm Allen Key	1 EA	1 EA	1 EA	1 EA
	10	Privacy Release	—	—	1 EA	—
	11	Privacy Release rose cover	—	—	1 EA	—
	12	#6 screws for TT04 Thumbturn	4 EA	—	8 EA	—
Locks and Cylinders	13	Mortise Lock Case	1 EA	1 EA	1 EA	1 EA
	14	Armored Faceplate	1 EA	1 EA	1 EA	1 EA
	15	#8 screws for Armored Faceplate	2 EA	2 EA	2 EA	2 EA
	16	#10 screws for Inner Faceplate	2 EA	2 EA	2 EA	2 EA
	17	Strike Plate	1 EA	1 EA	1 EA	1 EA
	18	Screws for Strike Plate	2 EA	2 EA	2 EA	2 EA
	19	Dust Box	1 EA	1 EA	1 EA	1 EA
	20	Mortise Cylinder	1 EA	1 EA	—	—
	21	Key	2 EA	2 EA	—	—
	22	Cylinder Escutcheon Ring	1 EA	1 EA	—	—
Others	—	Door Prep Template	1 EA	1 EA	1 EA	1 EA
	—	Installation Instructions	1 EA	1 EA	1 EA	1 EA

### Determine Door Handing and Set Lock Case Direction



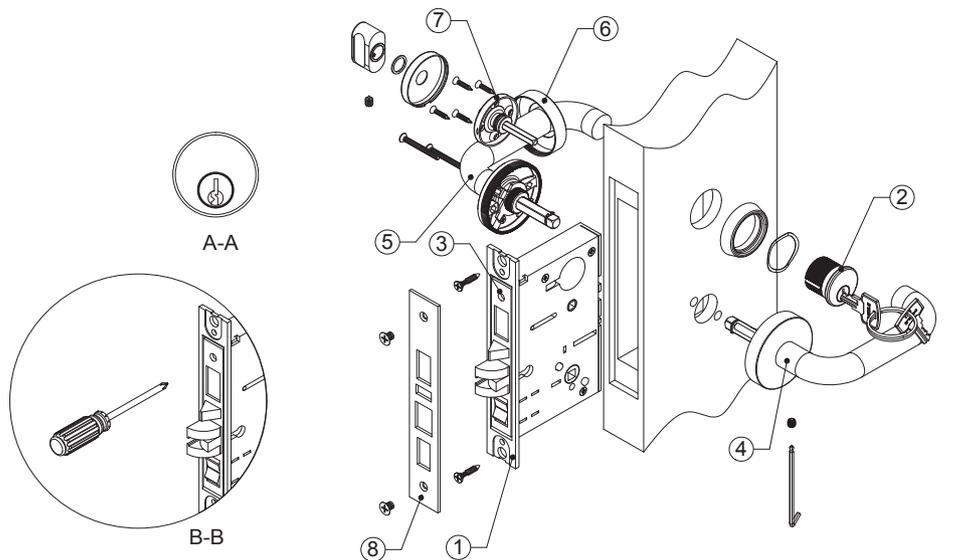
### Change Latch Bolt Direction For MC Mortise Lock



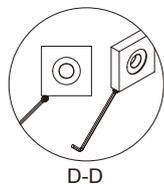
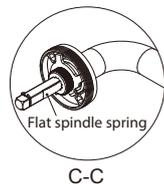
## XRA Rose with MC Mortise Lock Installation Instructions:

### For Entry, Storeroom, Classroom, Passage Functions: MC7453, MC7438, MC7050, MC7070, MC7080, MC7010

1. Install mortise lockcase.
2. Screw on cylinder with escutcheon ring.  
**Note:** Key slot on cylinder should be on lower off-center position. See Section A-A.  
**Note:** Use keys to test cylinder and make sure cylinder cam operates deadbolt smoothly.
3. Use a screwdriver to tighten yoke inside lock case through faceplate to fix the cylinder in position. See Section B-B.
4. Install outside lever with 2 EA M4x40mm bolt sleeves.  
**Note:** the flat spindle spring must face the direction of the door hinges. Failure to install properly may cause lock malfunction. See Section C-C.



5. Install inside lever with 2 EA M4x35mm machine screws, then tighten set screw using Allen key.  
**Note:** Please ensure levers on both sides are at horizontal level before tightening machine screws.
6. Mount inside rose cover.
7. For entry function, mount privacy thumb-turn rose with 4x#6 screws. Mount rose cover and clear washer before mounting thumbturn piece. Then tighten the set screw using Allen key.  
**Note:** Storeroom, Classroom and Passage function do not require thumbturn inside.  
**Note:** Some designs feature non-removable rose covers: INOX Levers 106, 214, 251, 344, 379, and 380.
8. Install armored faceplate with screws.
9. For square roses (XSE and XGS), ensure that the rose is aligned and then tighten set screw on bottom of rose cover. See Section D-D.



### For Privacy Function: MC7040

1. Install mortise lockcase.
2. Install outside lever with 2 EA M4x40mm bolt sleeves.  
**Note:** The flat spindle spring must face the direction of the door hinges. Failure to install properly may cause lock malfunction. See Section C-C.
3. Install inside lever with 2 EA M4x35mm machine screws, then tighten the set screw using the Allen key.  
**Note:** Please ensure levers on both sides are at horizontal level before tightening machine screws.
4. Mount inside rose cover.  
**Note:** Some designs feature non-removable rose covers: INOX Levers 106, 214, 251, 344, 379, and 380.
5. Mount privacy release rose with spindle with 4 x #6 screws.
6. Mount privacy thumbturn rose with 4 x #6 screws.
7. Mount the privacy release rose cover.
8. Mount thumbturn rose cover and clear washer before mounting thumbturn piece. Tighten the set screw inside thumbturn piece using Allen key.
9. For square roses (XSE and XGS), ensure that the rose is aligned and then tighten set screw on bottom of rose cover. See Section D-D.

