

Lock Service Manual

COMPANY INTRODUCTION

to design the door lock appearance and stay consistent throughout your project.

Marshall Best Security is pleased to present the R Series of Commercial and Designer Locks.

The R Series incorporates the latest in designer levers and trims with the industry's highest quality

Mortise Locks. With over 60 lever designs and numerous rose configurations, the R Series line allows you

Marshall Best Security takes pride in offering a full line of high quality commercial grade hardware that is second to none. With a talented and dedicated engineering team, Marshall Best Security is continually improving our product line to ensure that we are on the cutting edge of the Door and Hardware Industry.

Our trims are made of the finest quality Stainless Steel and Plated materials to ensure longevity.

Marshall Best Security has the goal of offering the most imaginative and exciting design concepts possible, limited only by the physical confines of the product and codes. We look forward to working with you to bring your project in ON TIME, ON BUDGET, and to your COMPLETE SATISFACTION.

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Mortise Lock Introduction

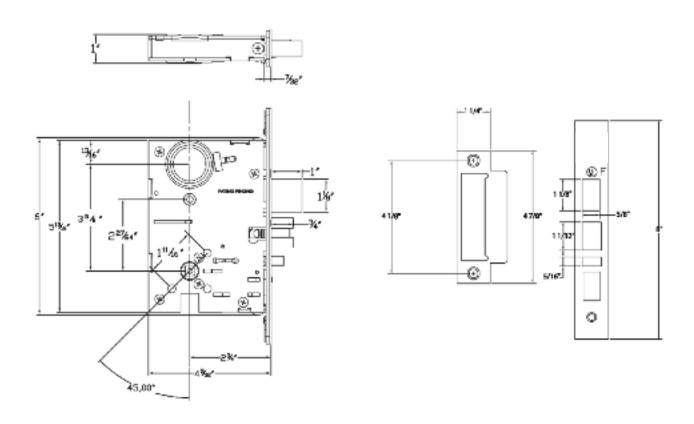
This service manual provides a complete listing of parts and assemblies for **Marshall Best Security**R series mortise locks. This edition contains the current designs of R series locks.

Exploded views of each lock function are provided with individual part numbers for replacement purposes. Exploded views of trim are shown with subassemblies for easy ordering and replacement. In addition, this manual includes various Levers, Escutcheons and Roses as well as other auxiliary components; such as faceplates and cylinders.

All parts listed in this manual are for standard 1 3/4" door thickness. Components may vary according to door thickness. Please mention door thickness when placing your order.

Mortise Lock Dimensions

NON-HANDED LOCK



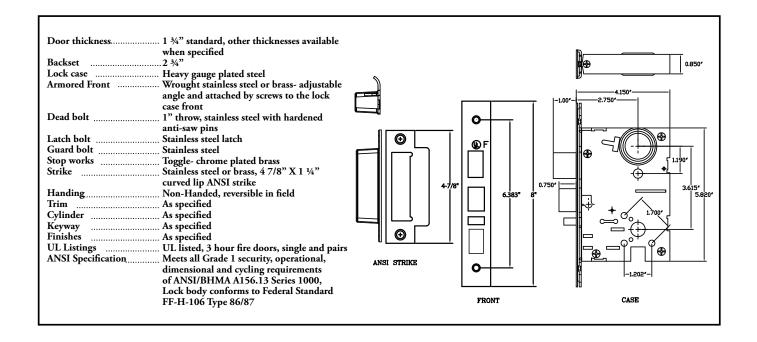
Feature	Dimensions
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Case size 5 7/8" x 4 1/4" x 1"

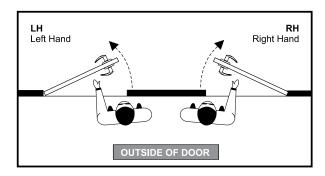
Backset: 2 3/4"

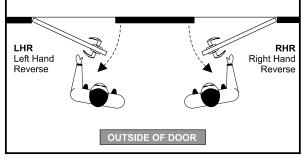
Door thickness range: 1 3/4" standard-up to 5"

Standard Features & Specifications

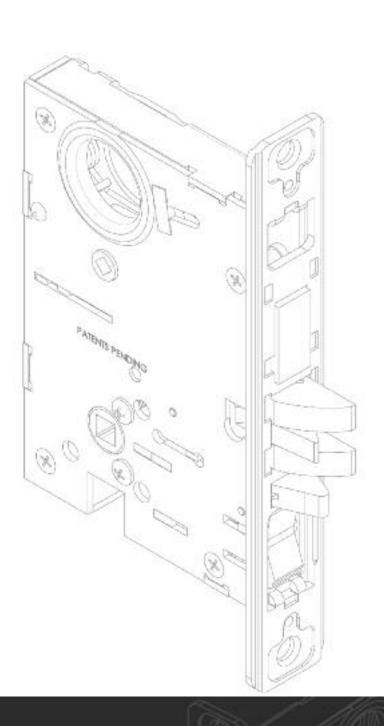


HANDING





FUNCTIONS



Funct	ions			
Outside Inside	Series/ Function	Туре	ANSI No.	Function Description
	RS-01 RE-01	Passage or Closet	F01	Latch bolt operated by lever from either side at all times.
	RS-02 RE-02	Privacy or Bathroom	F02	Latch bolt operated by lever from either side. Dead bolt operated by turn from inside and emergency release from outside.
	RS-04 RE-04	Entry/ Office	F04	Latch bolt operated by lever from either side, except when outside lever is made inoperative by a push button rocker. When outside lever is locked, latch bolt is retracted by key from outside or by operating inside lever. ***Auxiliary dead latch.
	RS-05 RE-05	Classroom	F05	Latch bolt operated by lever from either side, except when outside lever is locked from outside by key. When outside lever is locked, latch bolt may be retracted by key, or by operating key and outside lever or by operating inside lever. ***Auxiliary dead latch.
	RS-06 RE-06	Holdback	F06	Latch bolt operated by lever either side, except when outside lever is locked from outside by key. Latch bolt can be locked in a retracted position by key. When outside lever is locked, latch bolt is retracted by key from outside or by operating inside lever unless latch bolt has been locked in a retracted position. ***Auxiliary dead bolt latch.
	RS-07 RE-07	Storeroom or Closet	F07	Latch bolt operated by key from outside or by rotating inside lever. Outside lever is always inoperative. ***Auxiliary dead latch.
	RS-08 RE-08	Front Door or Corridor Lock	F08	Latch bolt operated by lever from either side, except when outside lever is made inoperative by a push button rocker. Dead bolt is operated by turn inside. Key outside operates both bolts.
	RS-09 RE-09	Apartment / Exit or Public Toilet	F09	Latch bolt operated by lever from either side, except when outside lever is locked by key from inside. When outside lever is locked, latch bolt is retracted by key from outside or by operating inside lever. ***Auxiliary dead bolt latch.

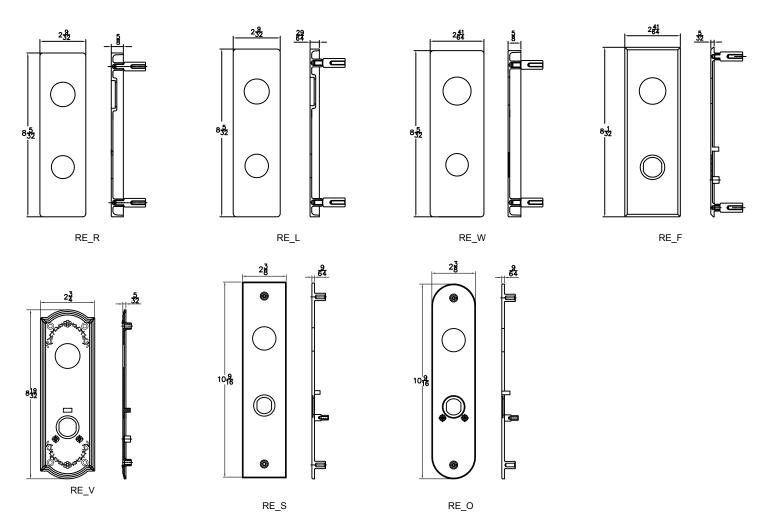
Functions						
Outside Inside	Series/ Function	Type	ANSI No.	Function Description		
	RS-11 RE-11	Dormitory or Exit Lock	F11	Latch bolt operated by lever from either side except when outside lever is made inoperative by a stop or mechanical means other than key. Dead bolt projected by key from either side. Dead bolt retracted by key from outside. Both bolts retracted by inside lever and outside remain locked.		
	RS-12 RE-12	Dormitory or Exit	F12	Latch bolt operated by lever from either side, except when outside lever is made inoperative by a stop or mechanical means other than key. Dead bolt projected by key from outside and by turn from inside. Deadbolt retracted by key from outside and by turn from inside. Operating inside lever retracts both bolts and outside remains locked.		
	RS-13 RE-13	Dormitory or Exit	F13	Latch bolt operated by lever from either side. Dead bolt projected by key from outside and thumb turn from inside. Operating inside lever retracts both bolts and unlocks outside.		
	RS-14 RE-14	Store Door	F14	Latch bolt operated by lever from either side. Dead bolt operated by key from either side.		
	RS-15 RE-15	Hotel or Guest	F15	Latch bolt operated by key from outside or by rotating inside lever. Outside lever is always inoperative. Dead bolt operated by thumb turn from inside and all keys except emergency and display key are shut out. Operating inside lever retracts both bolts. ***Auxiliary dead bolt latch.		
	RS-16 RE-16	Deadlock	F16	Dead bolt operated by key on either side.		
	RS-17 RE-17	Deadlock	F17	Dead bolt operated by key outside and turn piece inside.		
	RS-18 RE-18	Deadlock	F18	Dead bolt by key from outside only.		

Funct	ions			
Outside Inside	Series/ Function	Туре	ANSI No.	Function Description
	RS-19 RE-19	Privacy or Bathroom	F19	Latch bolt operated by lever from either side. Dead bolt operated by turn from inside and emergency release from outside. Operating inside lever retracts both bolts.
	RS-20 RE-20	Entrance/ Apartment/ Dormitory	F20	Latch bolt operated by lever from either side, except when outside lever is made inoperative by push button rocker. Dead bolt projected by key from outside and by thumb turn from inside. Key outside operates both bolts. Operating inside lever retracts both bolts and outside remains locked. Latch bolt is deadlocked when outside lever is made inoperative or when the dead bolt is projected. When dead bolt is retracted, lever is unlocked by stop or mechanical means other than key.
	RS-21 RE-21	Dormitory with Dead bolt	F21	Latch bolt operated by lever either side. Dead bolt operated by key outside or by turn from inside.
	RS-22 RE-22	Privacy	F22	Latch bolt operated by lever from either side, except when outside lever is locked by inside turn. Operating inside lever, closing door or operating outside emergency release unlocks outside lever.
	RS-29 RE-29	Classroom Dead bolt	F29	Key from outside operates dead bolt. Turn from inside retracts but does not project dead bolt.
	RS-30 RE-30	Institutional	F30	Latch bolt operated by key either side. Both levers always inoperative. ***Auxiliary dead bolt latch.
	RS-31 RE-31	Exit or Communicating	F31	Latch bolt operated by lever from inside. Non removable blank lever or no lever outside. ***Auxiliary dead bolt latch.
	RS-32 RE-32	Intruder Latch bolt	F32	Latch bolt operated by lever either side, except when outside lever is locked from inside or outside by key. When outside lever is locked, latch bolt is retracted by key from inside or outside or by operating inside lever. ***Auxiliary dead bolt latch

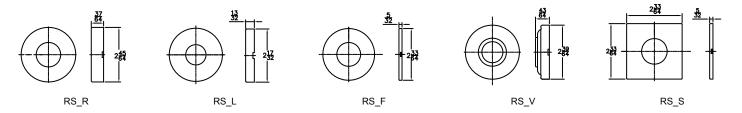
Funct	ions			
Outside Inside	Series/ Function	Туре	ANSI No.	Function Description
	RS-33 RE-33	Intruder Dead bolt	F33	Latch bolt operated by lever either side, except when outside lever is locked from inside or outside by key. Dead bolt operated by key either side. Inside lever retracts both bolts and unlocks outside lever.
	RS-34 RE-34	Intruder Dead bolt	F34	Latch bolt operated by lever either side, except when outside lever is locked from inside or outside by key. Dead bolt operated by key either side. Operating inside lever retracts both bolts and unlocks outside. *** Auxiliary dead latch or latch bolt dead locked when dead bolt is thrown.
	RS-35 RE-35	Storeroom with Dead bolt	F35	Latch bolt operated by lever from either side, except when outside lever is made inoperative by a stop or mechanical means other than key. Dead bolt operated by key from either side.
	RS-41 RE-41	Single Dummy		No Lock works, Lever one side only.
	RS-42 RE-42	Double Dummy		No Lock works, Lever on both sides.
	RS-81 RE-81	Hotel Privacy		Latch bolt retracted by key from outside and thumb turn from inside. ***Auxiliary dead bolt latch.
	RS-82 RE-82	Storeroom with Double Cylinder		Latch bolt operated by key from either side. both levers always rigid. ***Auxiliary dead bolt latch.

Escutcheon & Rose Dimensions

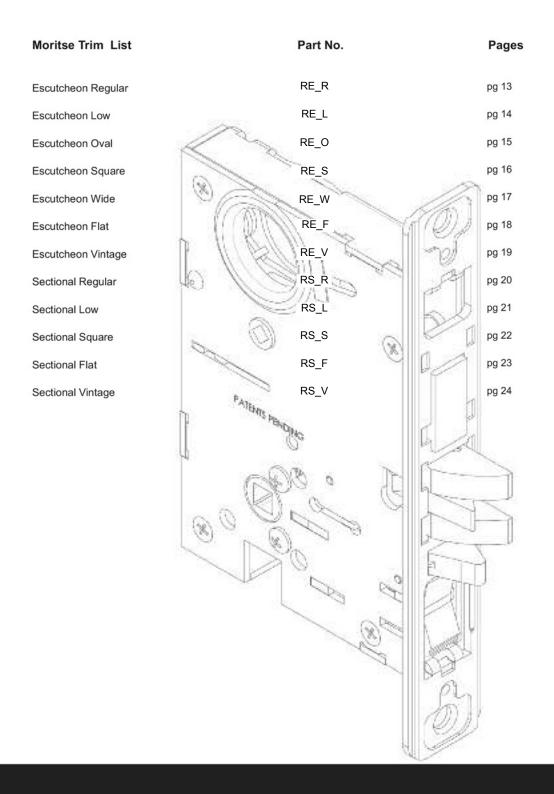
Escutcheon Styles



Sectional Rose Styles

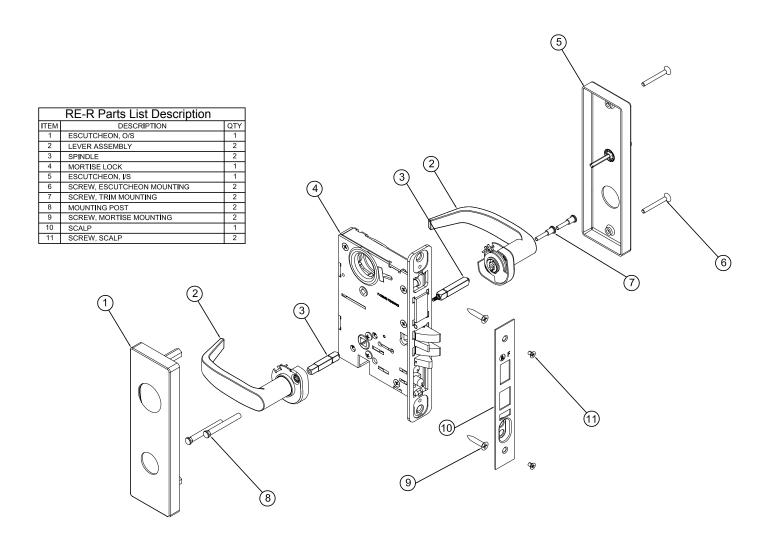


TRIMS EXPLODED VIEW



RE-R Trim

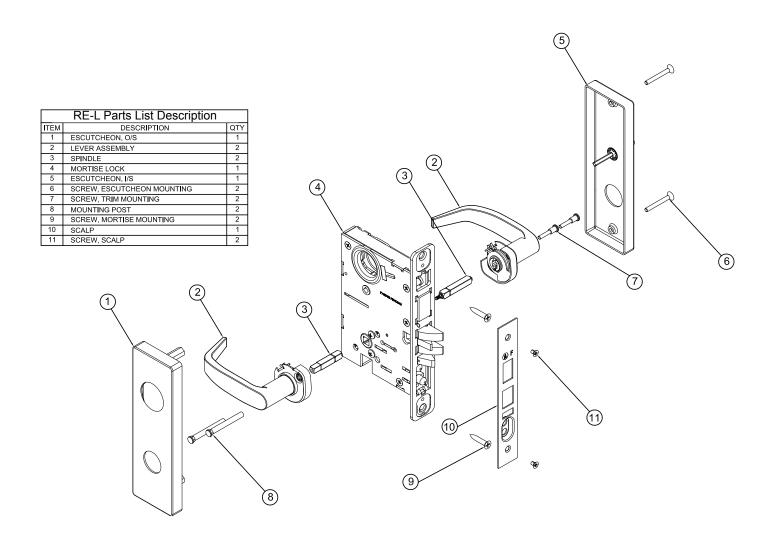
Escutcheon Regular Mortise Lock



RE-R Trim Case

RE-L Trim

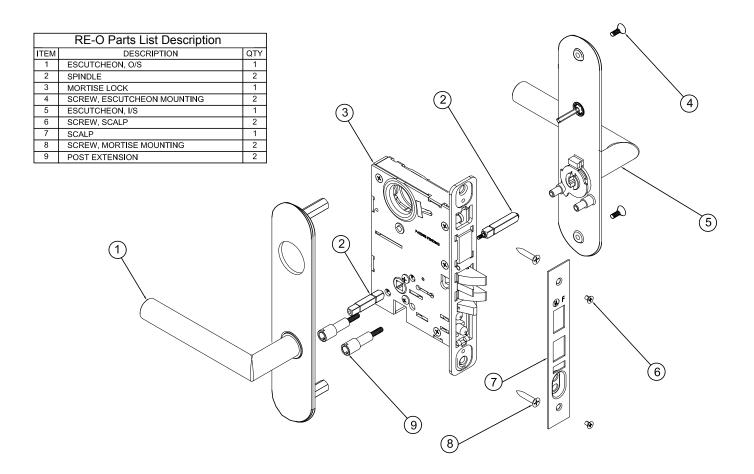
Escutcheon Low Mortise Lock



RE-L Trim Case

RE-O Trim

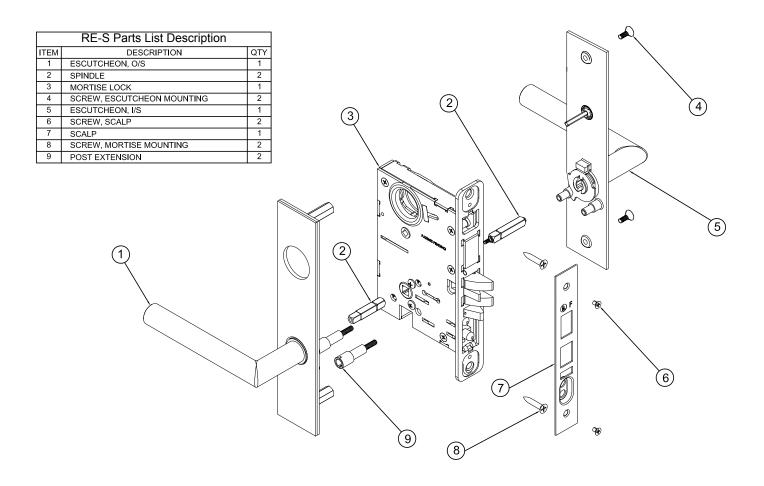
Escutcheon Oval Mortise Lock



RE-O Trim Case

RE-S Trim

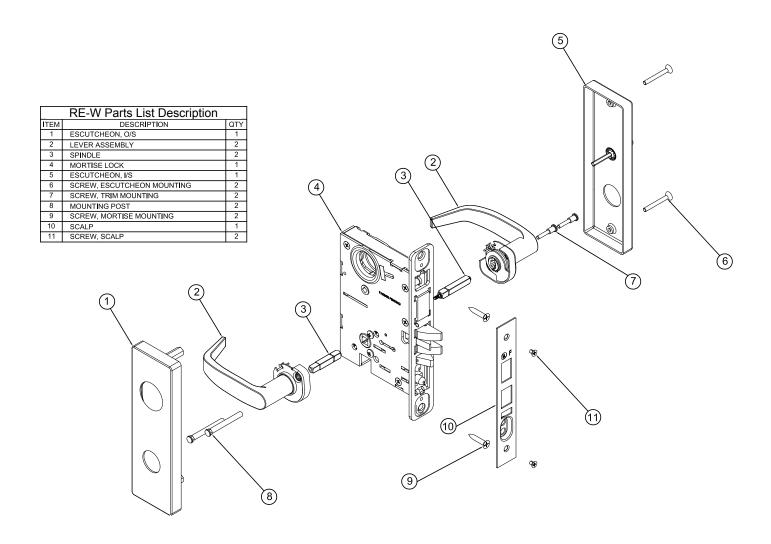
Escutcheon Square Mortise Lock



RE-S Trim Case

RE-W Trim

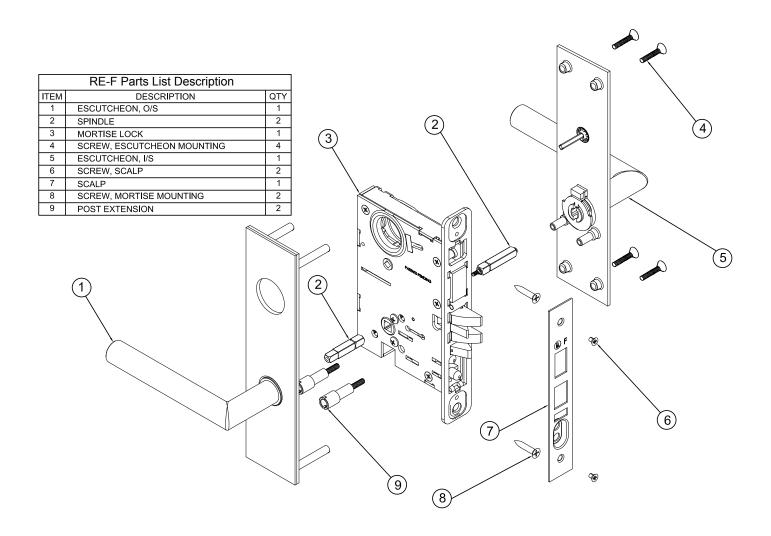
Escutcheon Wide Mortise Lock



RE-W Trim Case

RE-F Trim

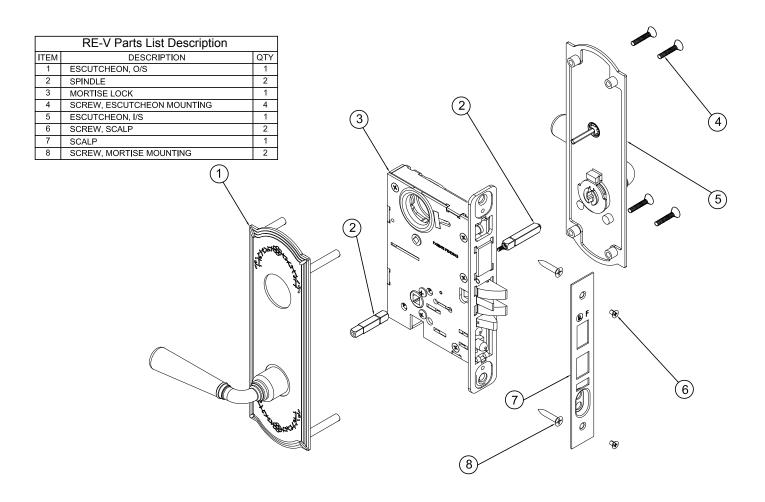
Escutcheon Flat Mortise Lock



RE-F Trim Case

RE-V Trim

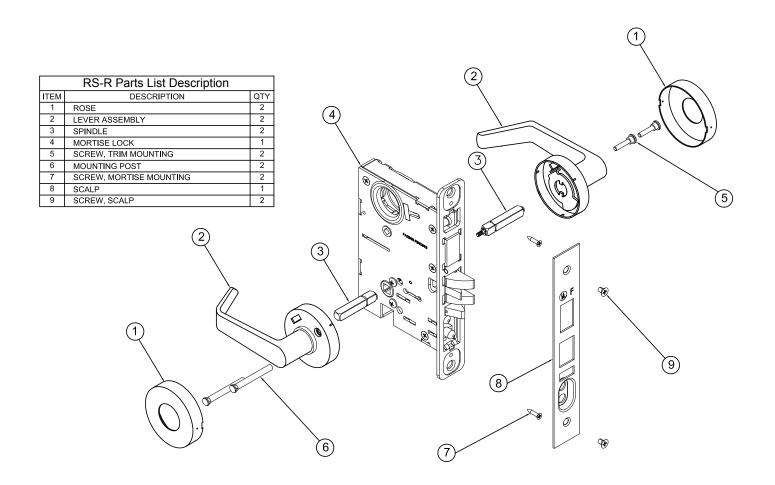
Escutcheon Vintage Mortise Lock



RE-V Trim Case

RS-R Trim

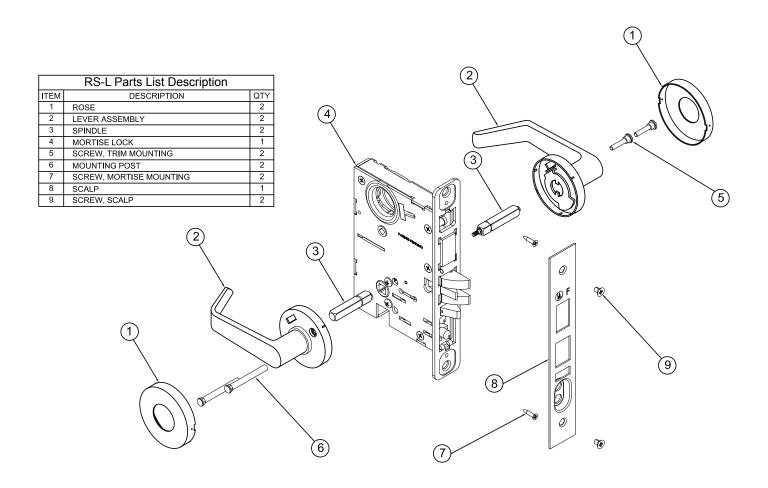
Sectional Regular Mortise Lock



RS-R Trim Case

RS-L Trim

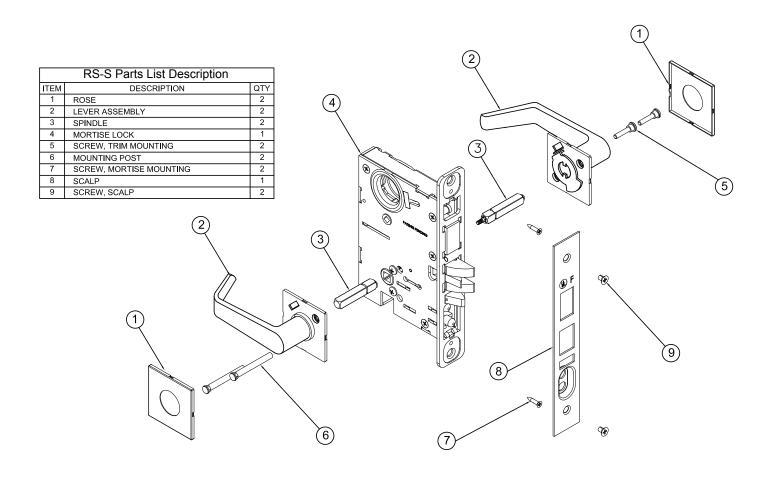
Sectional Low Mortise Lock



RS-L Trim Case

RS-S Trim

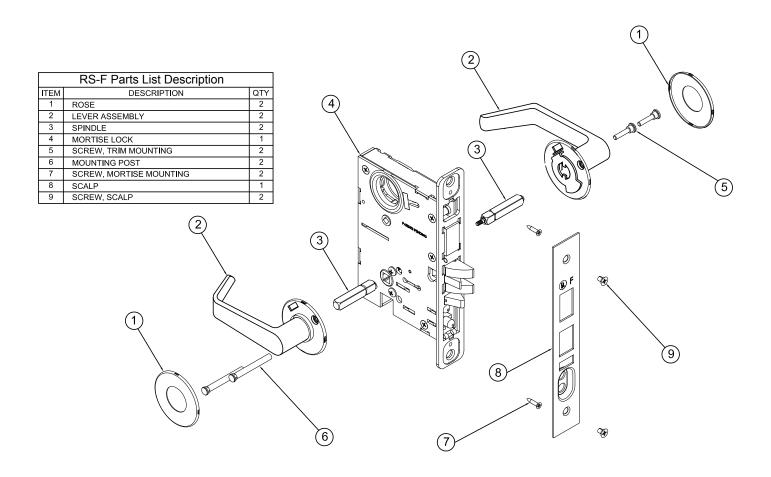
Sectional Square Mortise Lock



RS-S Trim Case

RS-F Trim

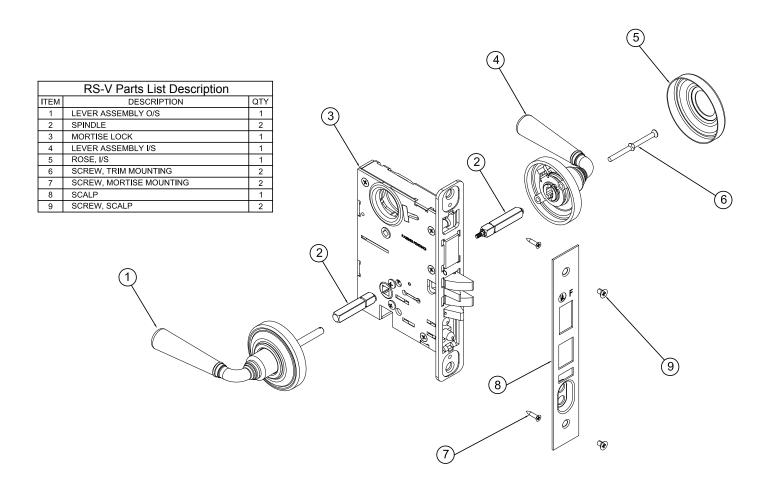
Sectional Flat Mortise Lock



RS-F Trim Case

RS-V Trim

Sectional Vintage Mortise Lock



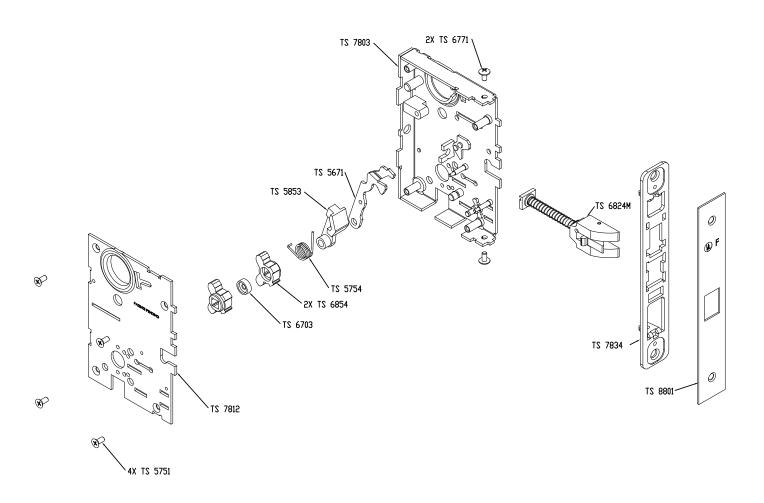
RS-V Trim Case

MORTISE BODY EXPLODED VIEWS

Moritse Chassis List	ANSI No.	Pages
RS-01 / RE-01	F01	pg 26
RS-02 / RE-02	F02	pg 27
RS-04 / RE-04	F04	pg 28
RS-05 / RE-05	F05	pg 29
RS-06 / RE-06	F06	pg 30
RS-07 / RE-07	F07	pg 31
RS-08 / RE-08	F08	pg 32
RS-09 / RE-09	F09	pg 33
RS-11 / RE-11	F11	pg 34
RS-12 / RE-12	F12	pg 35
RS-13 / RE-13	F13	pg 36
RS-14 / RE-14	F14 💮	pg 37
RS-015 / RE-15	F15	pg 38
RS-16/17/18 / RE-16/17/18	F16/F17/F18	pg 39
RS-19 / RE-19	PATENTS PENDS	pg 40
RS-20 / RE-20	F20	pg 41
RS-21 / RE-12	F21	pg 42
RS-22 / RE-22	F22	pg 43
RS-29 / RE-29	F29	pg 44
RS-30 / RE-30	F30	pg 45
RS-31 / RE-31	F31	pg 46
RS-32 / RE-32	F82	pg 47
RS-33 / RE-33	F33	pg 48
RS-34 / RE-34	F34	pg 49
RS-35 / RE-35	F35	pg 50
RS-81 / RE-81	N/A	pg 51
RS-82 / RE-82	N/A	pg 52

Passage or Closet Mortise F-01, RS-01, RE-01

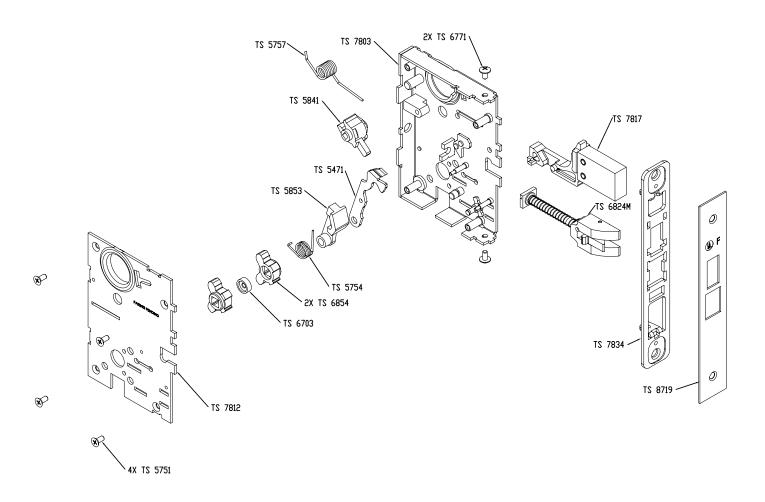
NON-HANDED LOCK LH VERSION SHOWN



F01 Function Case

Privacy or Bathroom Mortise F-02, RS-02, RE-02

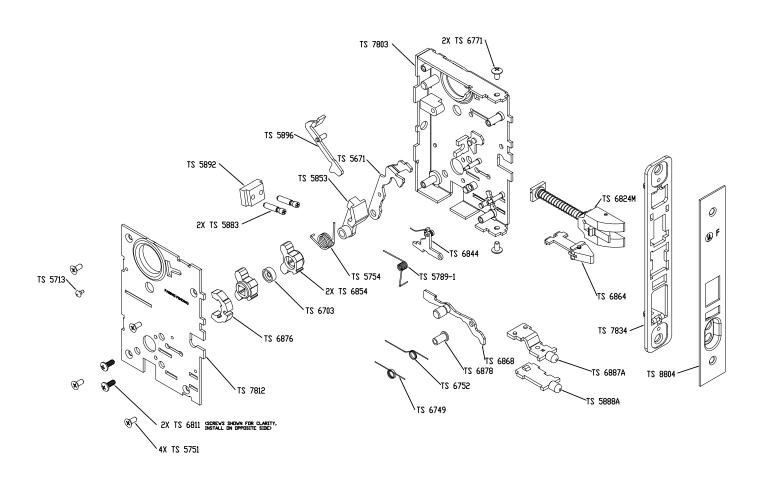
NON-HANDED LOCK LH VERSION SHOWN



F02 Function Case

Entry/Office Mortise F-04, RS-04, RE-04

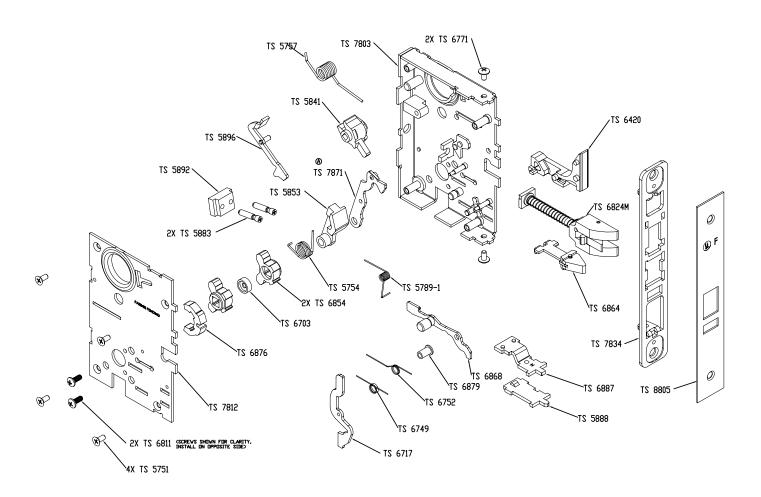
NON-HANDED LOCK LH VERSION SHOWN



F04 Function case

Classroom Mortise F-05, RS-05, RE-05

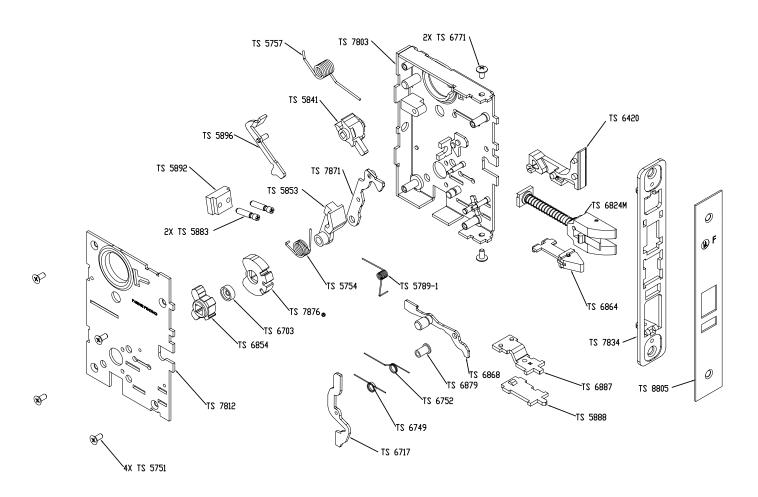
NON-HANDED LOCK LH VERSION SHOWN



F05 Function case

Holdback Mortise F-06, RS-06, RE-06

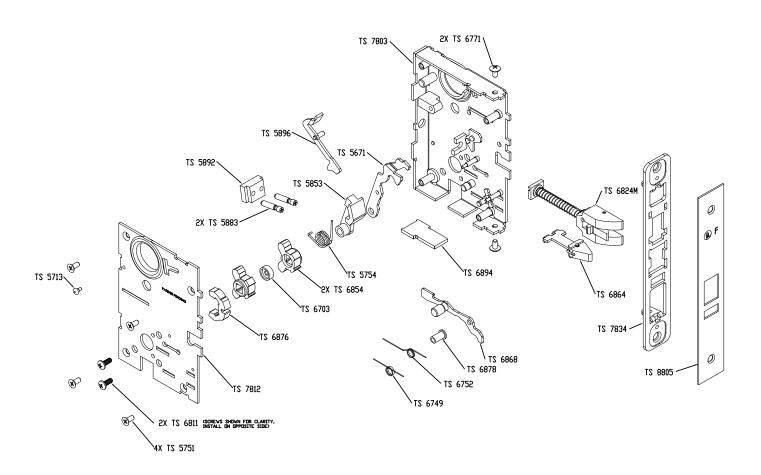
NON-HANDED LOCK LH VERSION SHOWN



F06 Function case

Storeroom or Closet Mortise F-07, RS-07, RE-07

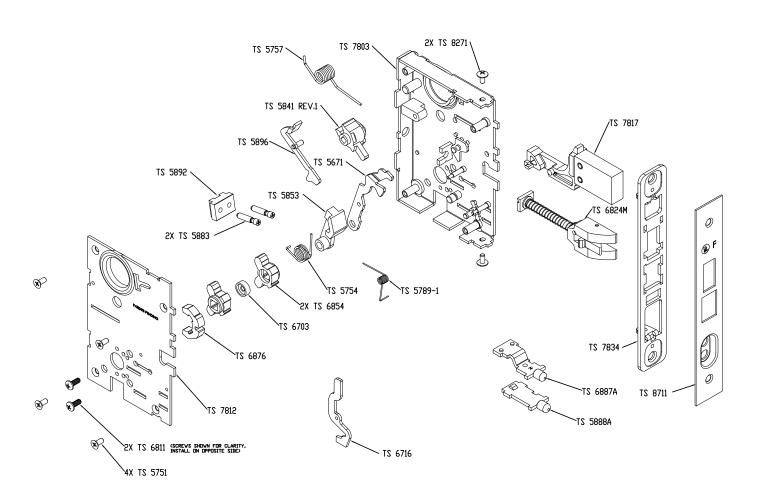
NON-HANDED LOCK LH VERSION SHOWN



F07 Function Case

Front Door or Corridor Mortise F-08, RS-08, RE-08

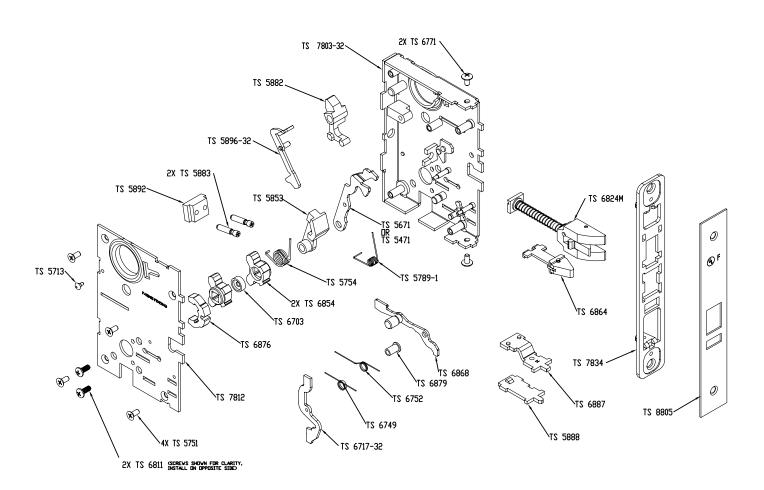
NON-HANDED LOCK LH VERSION SHOWN



F08 Function case

Apartment/Exit or Public Toilet Mortise F-09, RS-09, RE-09

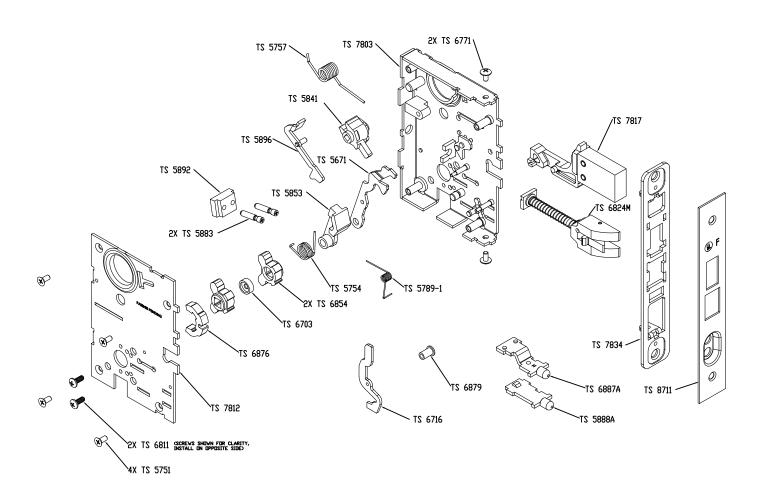
NON-HANDED LOCK LH VERSION SHOWN



F09 Function Case

Dormitory or Exit Lock Mortise F-11, RS-11, RE-11

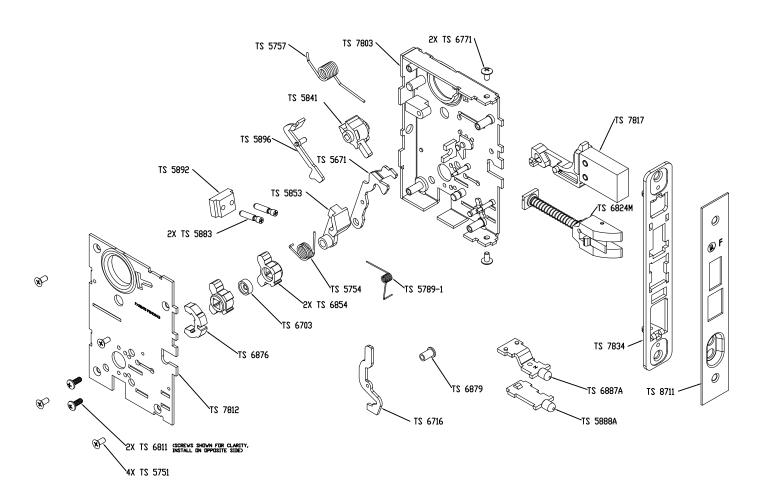
NON-HANDED LOCK LH VERSION SHOWN



F11 Function Case

Dormitory or Exit Mortise F-12, RS-12, RE-12

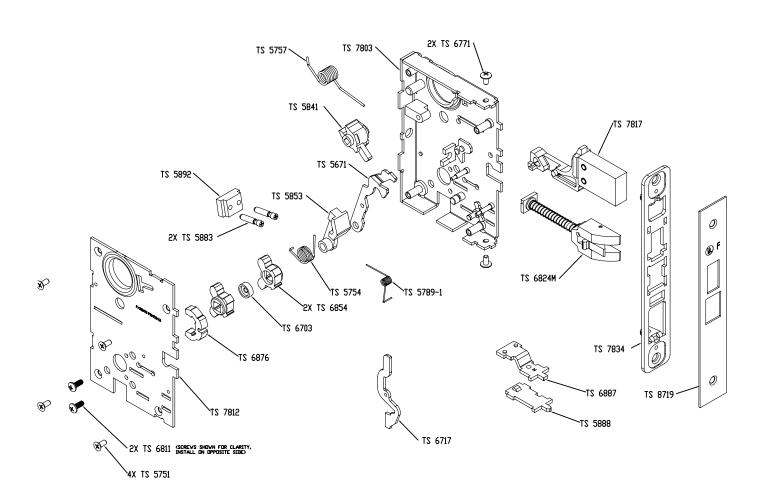
NON-HANDED LOCK LH VERSION SHOWN



F12 Function Case

Dormitory or Exit Mortise F-13, RS-13, RE-13

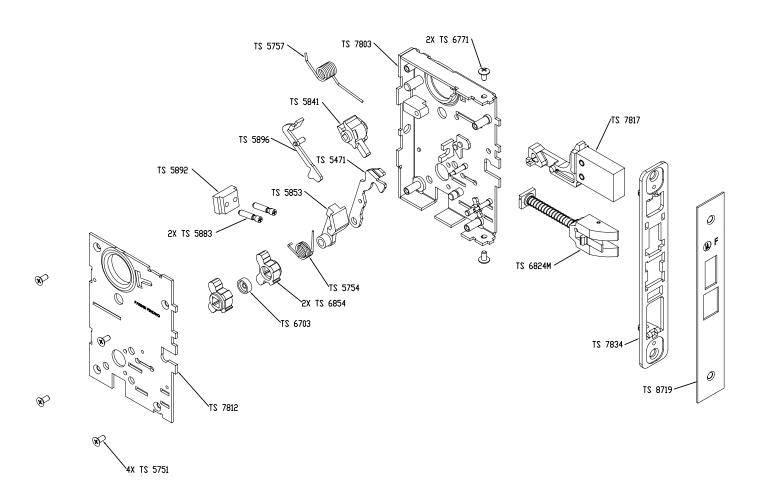
NON-HANDED LOCK LH VERSION SHOWN



F13 Function Case

Storeroom Mortise F-14, RS-14, RE-14

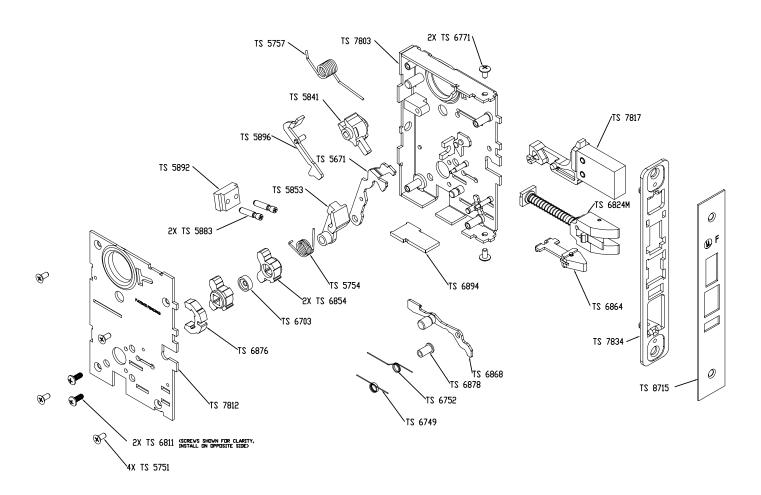
NON-HANDED LOCK LH VERSION SHOWN



F14 Function Case

Privacy Mortise F-15, RS-15, RE-15

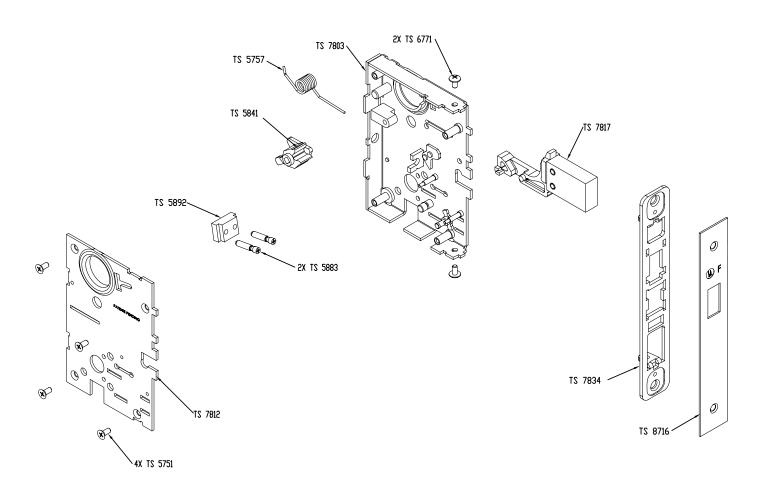
NON-HANDED LOCK LH VERSION SHOWN



F15 Function Case

Deadlock Mortise F-16/17/18, RS-16/17/18, RE-16/17/18

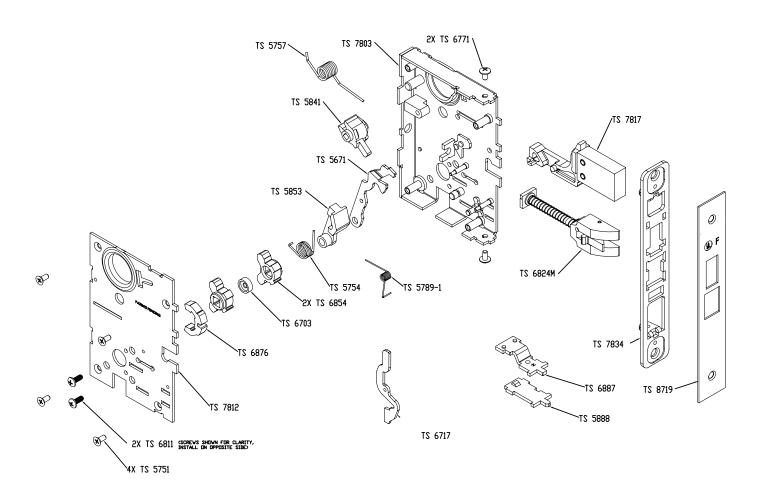
NON-HANDED LOCK



F16/F17/F18 Function Case

Privacy or Bathroom Mortise F-19, RS-19, RE-19

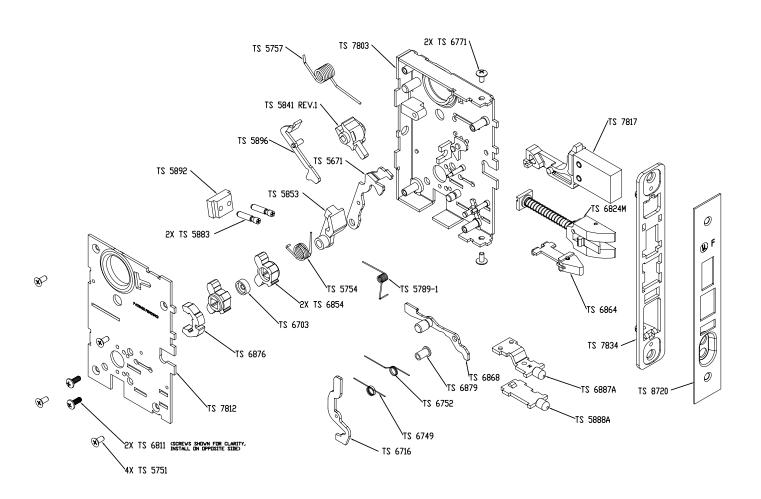
NON-HANDED LOCK LH VERSION SHOWN



F19 Function Case

Entrance/Apartment/Dormitory Mortise F-20, RS-20, RE-020

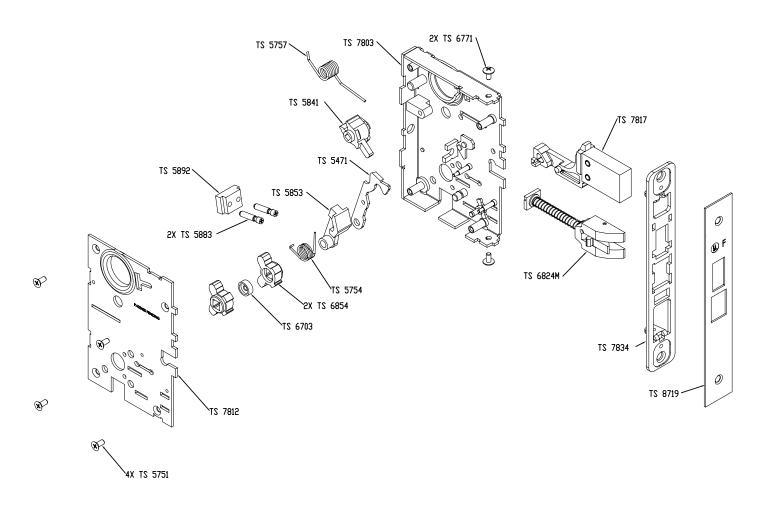
NON-HANDED LOCK LH VERSION SHOWN



F20 Function Case

Dormitory with Dead bolt Mortise F-21, RS-21, RE-21

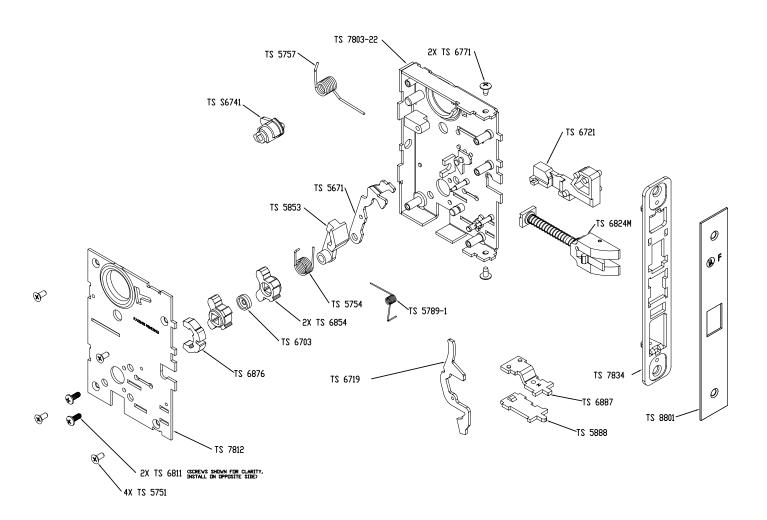
NON-HANDED LOCK LH VERSION SHOWN



F21 Function Case

Privacy Mortise F-22, RS-22, RE-022

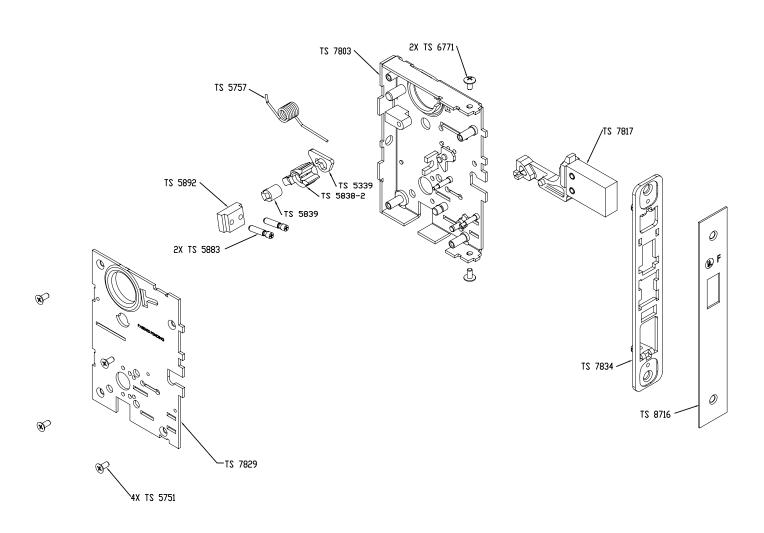
NON-HANDED LOCK LH VERSION SHOWN



F22 Function Case

Classroom Dead bolt Mortise F-29, RS-29, RE-29

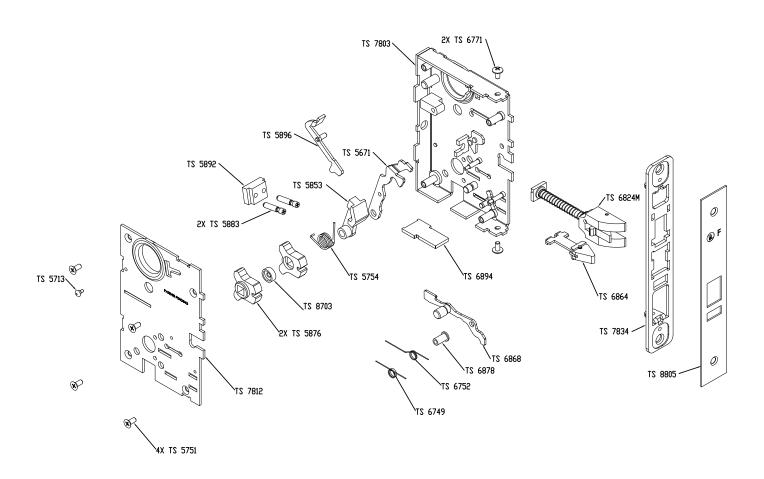
HANDABLE LOCK RH VERSION SHOWN



F29 Function Case

Institutional Mortise F-30, RS-30, RE-30

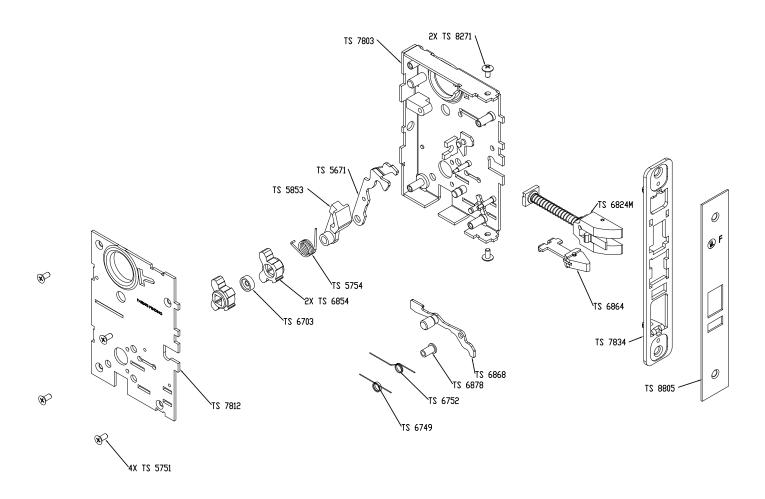
NON-HANDED LOCK LH VERSION SHOWN



F30 Function Case

Exit Mortise F-31, RS-31, RE-31

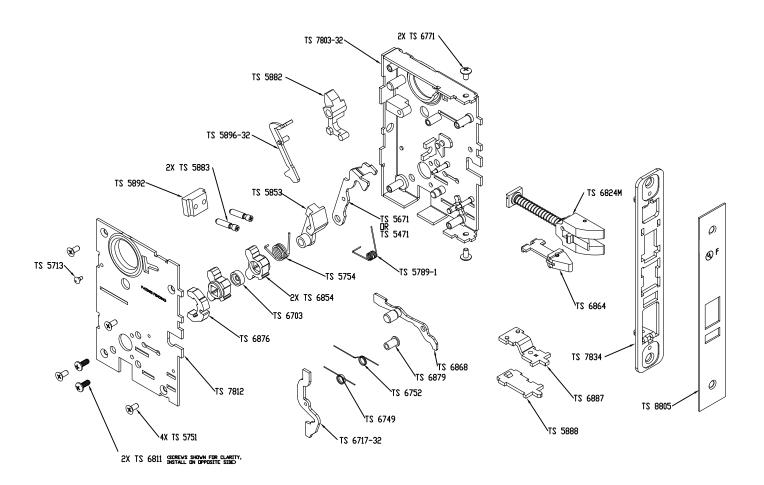
NON-HANDED LOCK LH VERSION SHOWN



F31 Function Case

Intruder Latch bolt Mortise F-32, RS-32, RE-32

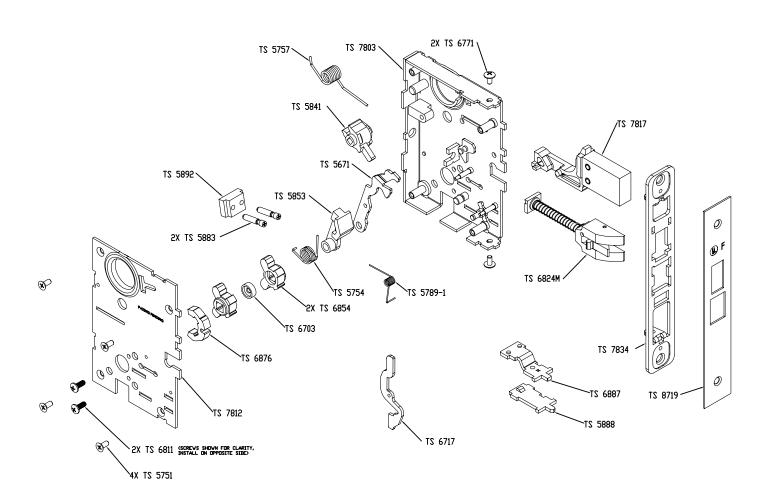
NON-HANDED LOCK LH VERSION SHOWN



F32 Function Case

Intruder Dead bolt Mortise F-33, RS-33, RE-33

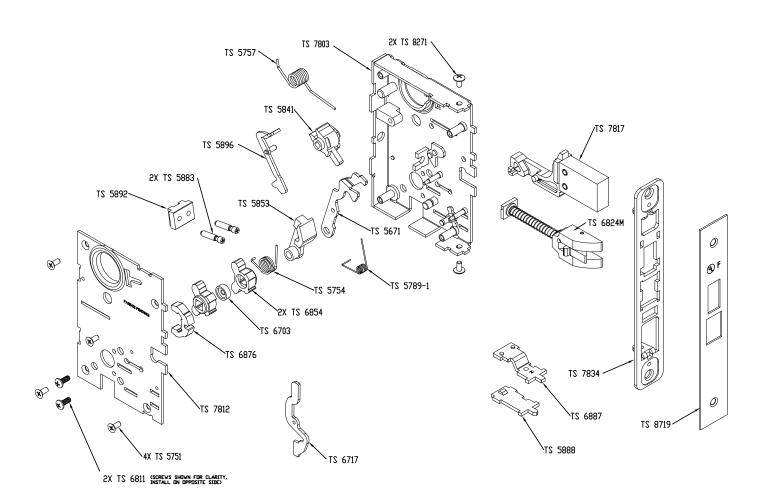
NON-HANDED LOCK LH VERSION SHOWN



F33 Function Case

Intruder Dead bolt Mortise F-34, RS-34, RE-34

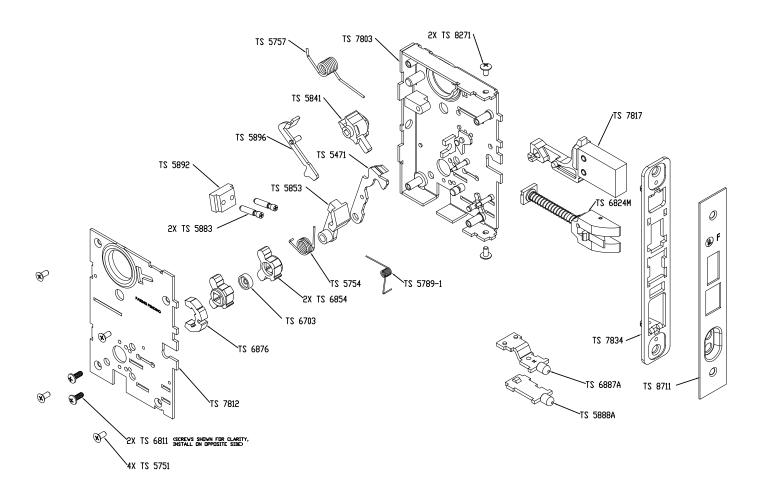
NON-HANDED LOCK LH VERSION SHOWN



F34 Function Case

Storeroom with Dead bolt Mortise F-35, RS-35, RE-35

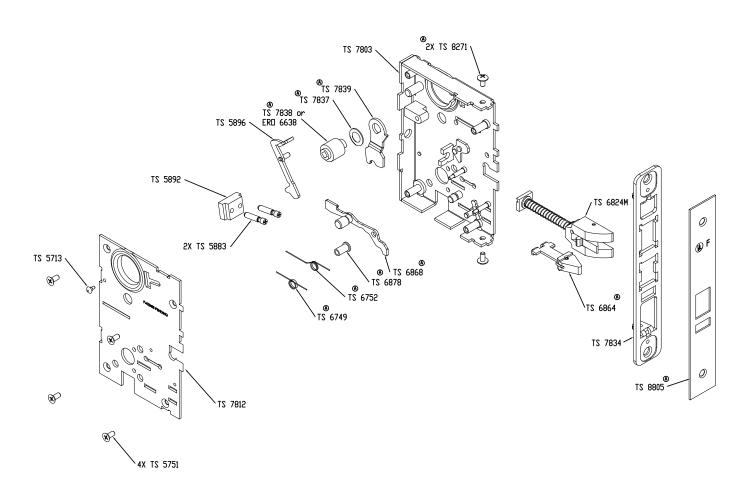
NON-HANDED LOCK LH VERSION SHOWN



F35 Function Case

Hotel Privacy Mortise RS-81, RE-81

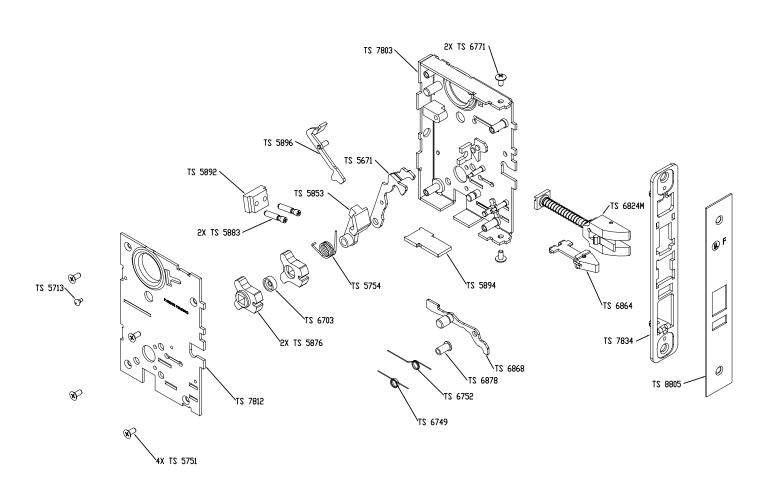
NON-HANDED LOCK LH VERSION SHOWN



81 Function Case

Storeroom with Double Cylinder Mortise RS-82, RE-82

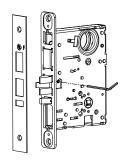
NON-HANDED LOCK LH VERSION SHOWN



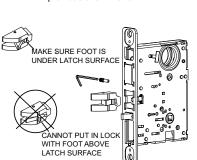
82 Function Case

Mortise Chassis Handing Change Instruction

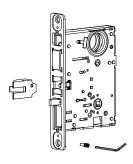
Change the latchbolt position



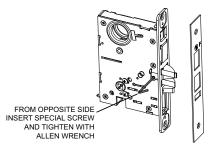
1. Remove special screw with provided allen wrench



3. Rotate Latch bolt 180° and reinstall into lock, pushing the latch bolt into the lock and then releasing.

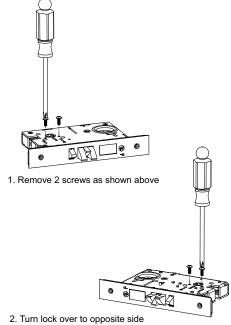


2. Pull latch bolt out of lock



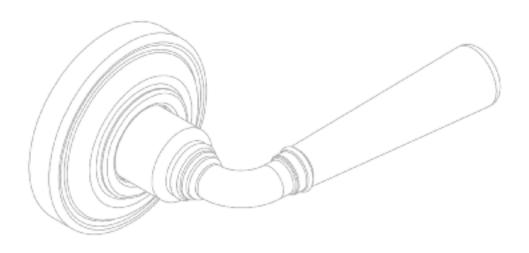
4. Reinstall the special screw and tighten securely with the provided allen wrench.

Change the locking slide position



2. Turn lock over to opposite side and reinstall screws as shown above. To ensure locking slide does not bind, manually push to the desired side or alternate tightening each screw every 2-3 turns.

LEVER / KNOB OPTIONS

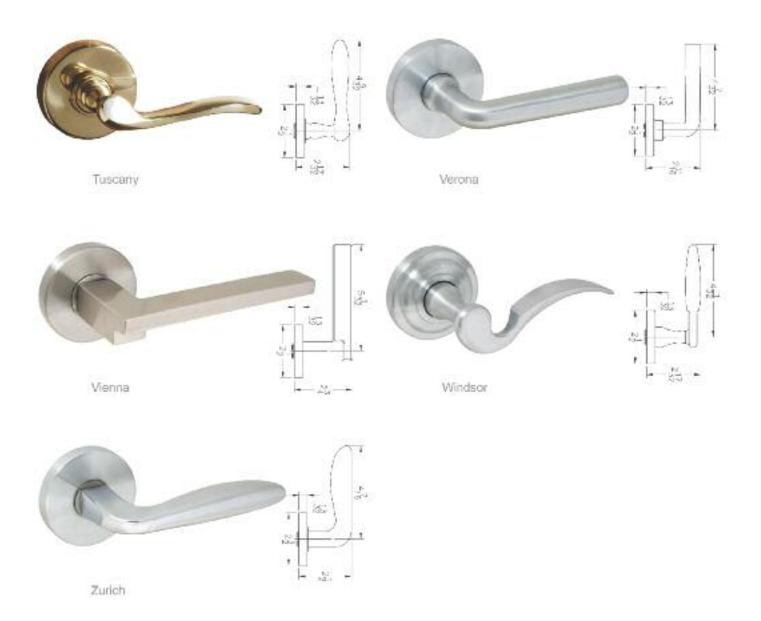




















Plated Thumb Turn

Standard

Optional







Classic Square







Vintage

Stainless Steel Thumb Turn

Standard

Optional



Classic Visible



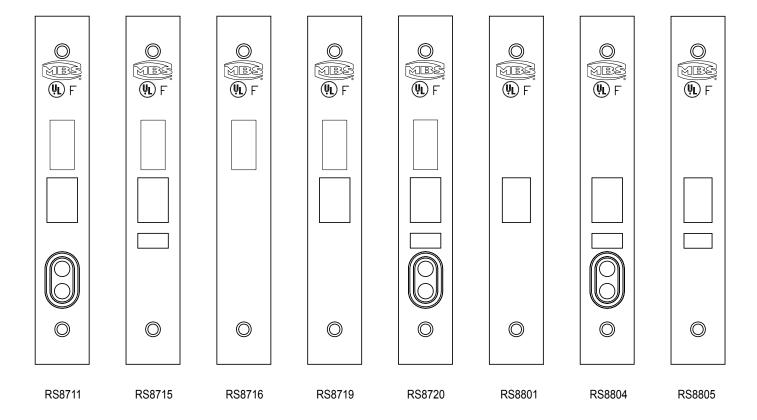
Classic Concealed



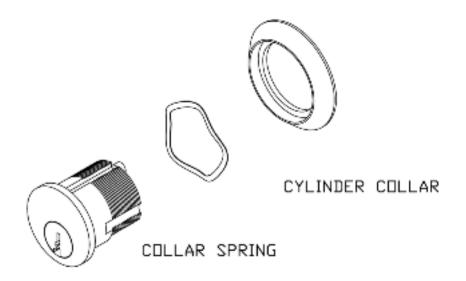


Classic Square

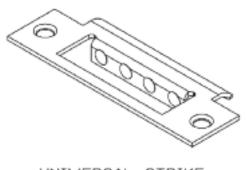
Faceplates



Cylinders & Strikes



CYLINDER



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