

SCHLAGE

L Series mortise lock

Universal transformation instructions



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L-Series

Universal transformation instructions for base model L9050*

ANSI function	Function type	Function description
F01	L9010 Passage	Latchbolt operated by lever from either side at all times.
F04	L9050 (w/thumbturn) Office	Latchbolt retracted by knob/lever from either side unless outside is made inoperative by key outside or by turning inside thumbturn. When outside is locked, latchbolt is retracted by key outside or by knob/lever inside. Outside knob/lever remains locked until thumbturn is returned to vertical or unlocked by key. Auxiliary latch deadlocks latchbolt when door is locked. Inside knob/lever is always free for immediate egress.
F05	L9070 Classroom	Latchbolt retracted by knob/lever from either side unless outside is locked by key. Unlocked from outside by key. Inside knob/lever always free for immediate exit. Auxiliary latch deadlocks latchbolt when door is locked. Inside knob/lever is always free for immediate egress.
F07	L9080 Storeroom	Latchbolt operated by key outside or by operating inside lever. Outside lever always inoperative. Auxiliary deadlatch.
F09	L9060 Apartment entrance	Latchbolt retracted by knob/lever from either side unless outside is locked by key from inside. When locked, latchbolt retracted by key outside or knob/lever inside. Auxiliary latch deadlocks latchbolt when door is locked. Inside knob/lever is always free for immediate egress.
F31	L9080 (less outside lever and cylinder) Exit or communicating	Latchbolt operated by inside lever. No outside trim.
F32	L9071 Classroom Security	Latchbolt retracted by knob/lever from either side unless outside is locked by key. Unlocked from outside by key. Inside knob/lever always free for immediate exit. Auxiliary latch deadlocks latchbolt when door is locked. Inside knob/lever is always free for immediate egress.
	L9070 (less inside trim) Closet	Latchbolt operated by lever on outside except when outside lever is locked from outside by key. When outside is locked latchbolt is retracted by key or by operating key from outside lever. No inside trim. Auxiliary deadlatch.
	L9080 (less outside lever) Service	Latchbolt operated by key outside or by operating inside lever. No outside trim. Auxiliary deadlatch.
	L9080 (less inside trim) Utility	Latchbolt retracted by key outside, outside lever always inoperative. No inside trim. Auxiliary deadlatch.

*Assumes Schlage cylinders and L9050 as base function (L283-133 chassis/L9050LB Distributor lock case).

**L283-150 is designed for Rose trim only.

Transformation instructions

Additional part(s)

Do not install thumbturn unit 09-509-027 on inside or cylinder outside. Install chassis in the unlocked position.

No additional parts required, if product has rose trim. If escutcheon exists, both inside and outside trims will need to be replaced.

Install clover leaf cam cylinder on outside.
Rose trim: Install thumbturn assembly 09-509-027 on inside.
Escutcheon trim: Install escutcheon 09-633-xyy (includes thumbturn) on inside, where xx is the lever design and y is escutcheon design (L or N).

If product has rose trim, thumbturn assembly 09-509-027 is required. If product has escutcheon trim, escutcheon 09-633-xyy is required on inside, where xx is the lever design and y is escutcheon design (L or N).

Install clover leaf cam cylinder on outside, do not install thumbturn assembly 09-509-027 on inside.

No additional parts required

Do not install thumbturn unit 09-509-027 on inside. Install chassis in the locked position. Replace clover leaf cam with straight cam (Classic non-modular only), L583-255 with K510-680 (IC and SFIC) and install on outside.

Cams B502-948 (classic), K510-680 (FSIC and SFIC) B583-476, B583-477 (modular)



B502-948



K510-680



L583-476
1 1/8" / 1 3/8" / 1 5/8"



L583-477
1 1/4" / 1 1/2" / 1 3/4"

Do not install thumbturn unit 09-509-027 on inside. Install clover leaf cam cylinder on inside. Replace clover leaf cam with straight cam, L583-255 with K510-680 (IC and SFIC) and install on outside.

Mortise cylinder assembly (20-001 typical) and cams B502-948 (classic), K510-680 (FSIC and SFIC), B583-476, B583-477 (modular)



Mortise
cylinder
assembly



B502-948



K510-680



L583-476
1 1/8" / 1 3/8" / 1 5/8"



L583-477
1 1/4" / 1 1/2" / 1 3/4"

Do not install thumbturn unit 09-509-027 on inside. Install chassis in the locked position. Install inside lever with L285-150 mounting plate, do not install outside lever or cylinder. If lock is on a wood slab, additional prep is required, refer to template #L904.

Mounting plate L283-150



L283-150**

Do not install thumbturn unit 09-509-027 on inside. Install clover leaf cam cylinder on inside and outside.

Mortise cylinder assembly and cams L583-153, L583-255 (FSIC, SFIC), B583-476, B583-477 (modular), Blocking rings as necessary



Mortise
cylinder
assembly



L583-153



L583-255

Install clover leaf cam cylinder on outside, do not install thumbturn assembly 09-509-027 on inside. Install inside trim on outside with L283-150 mounting plate. If lock is on a wood slab, additional prep is required, refer to template #L904.

Mounting plate L283-150



L283-150**

Do not install thumbturn unit 09-509-027 on inside. Install chassis in the locked position. Replace clover leaf cam with straight cam, L583-255 with K510-680 (IC and SFIC) and install on outside. Install inside lever with L285-150 mounting plate, do not install outside lever. If lock is on a wood slab, additional prep is required, refer to template #L904.

Cams B502-948 (classic), K510-680 (FSIC and SFIC), B583-476, B583-477 (modular) Mounting plate L283-150



B502-948



K510-680



L583-476
1 1/8" / 1 3/8" / 1 5/8"



L583-477
1 1/4" / 1 1/2" / 1 3/4"



L283-150**

Do not install thumbturn unit 09-509-027 on inside. Install chassis in the locked position. Replace clover leaf cam with straight cam, L583-255 with K510-680 (IC and SFIC) and install on outside. Install inside lever on outside with L283-150 mounting plate, do not install inside lever. If lock is on a wood slab, additional prep is required, refer to template #L904.

Cams B502-948 (classic), K510-680 (FSIC and SFIC), B583-476, B583-477 (modular) Mounting plate L283-150



B502-948



K510-680



L583-476
1 1/8" / 1 3/8" / 1 5/8"



L583-477
1 1/4" / 1 1/2" / 1 3/4"



L283-150**

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