

Lock assembly drawing index

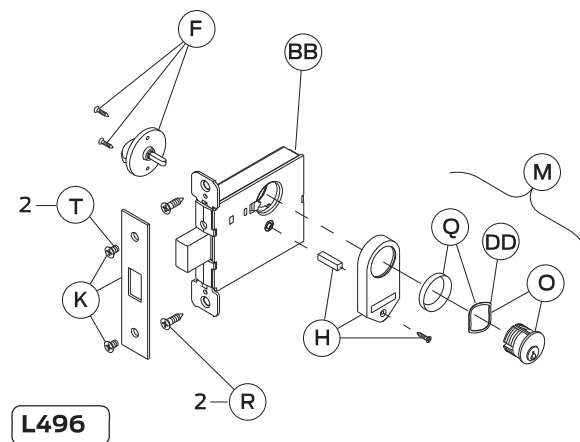
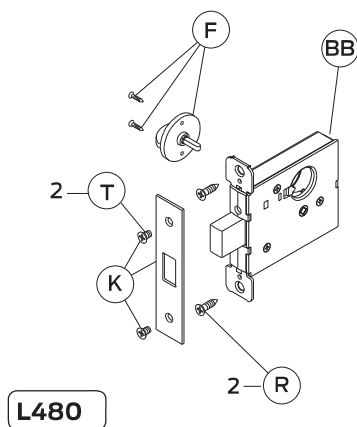
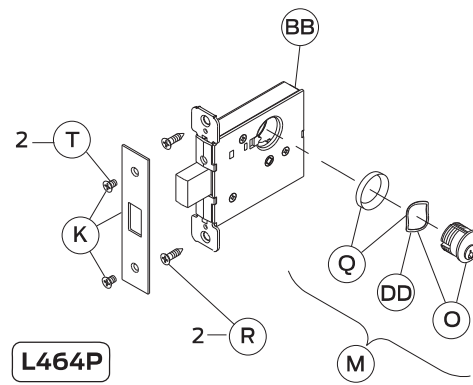
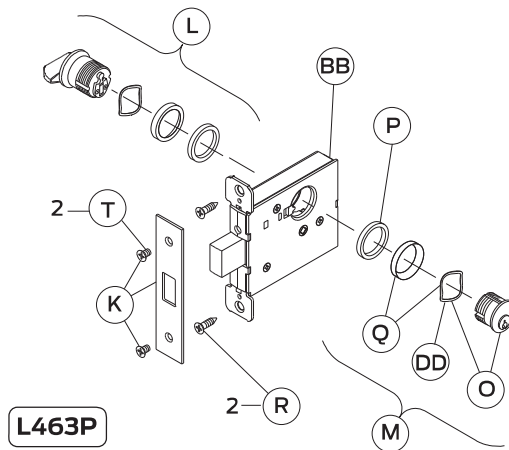
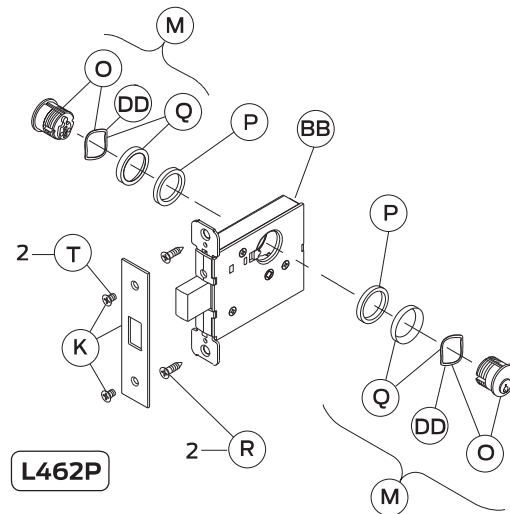
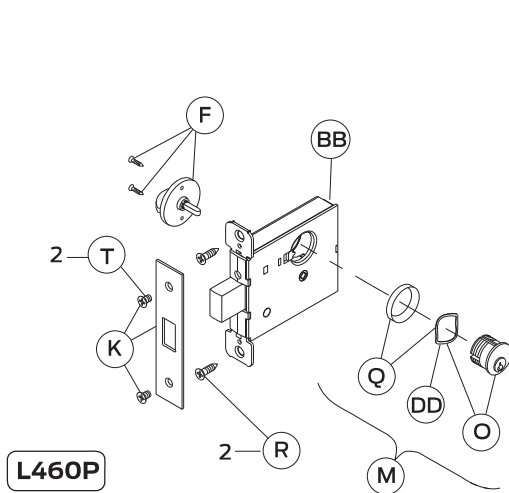
L400 FUNCTIONS ANSI/BHMA A156.13, 2010, Series 1000, Grade 1 Keyed L400-Series		Trim assembly page no.	Lock assembly page no.	Lock case page no.
SCHLAGE	ANSI			
L460	E06071	26	96	L283-099
	Cylinder by thumbturn lock Deadbolt is operated by key outside or thumbturn inside.			
L462	E06061			
	Double cylinder lock* Deadbolt is operated by key on either side.			
L463	E06091			
	Classroom lock Deadbolt is operated by key on outside. Inside cylinder turn retracts deadbolt but cannot extend it.			
L464	E06081	26	96	L283-099
	Cylinder lock Deadbolt is operated by key on one side. No trim on opposite side. Available with rose trim only.			
L496		26	96	L283-099
	Deadbolt lock with "occupied" indicator Deadbolt is operated by key outside or thumbturn inside. Furnished with 09-611 per L583-375 indicator. When deadbolt is thrown, "occupied" plate is displayed. Available with rose trim only. (Previously XL11-911)			

L400 FUNCTIONS ANSI/BHMA A156.13, 1994, Series 1000, Grade 1 Non-keyed L400-Series		Trim assembly page no.	Lock assembly page no.	Lock case page no.
SCHLAGE	ANSI			
L480	F14	26	96	L283-099
	Door bolt Deadbolt is operated by thumbturn on one side. No trim on opposite side.			

* Caution: Double cylinder locks on residences—or on any door in any structure which are used for egress—are a life safety hazard in times of emergency, and their use is not recommended. Installation should be in accordance with existing codes only.

L400-Series deadbolt trim

L460, L462, L463, L464, L480, L496



Notes: Standard full face mortise cylinder shown.
Available with 180° messaging indicator trim.

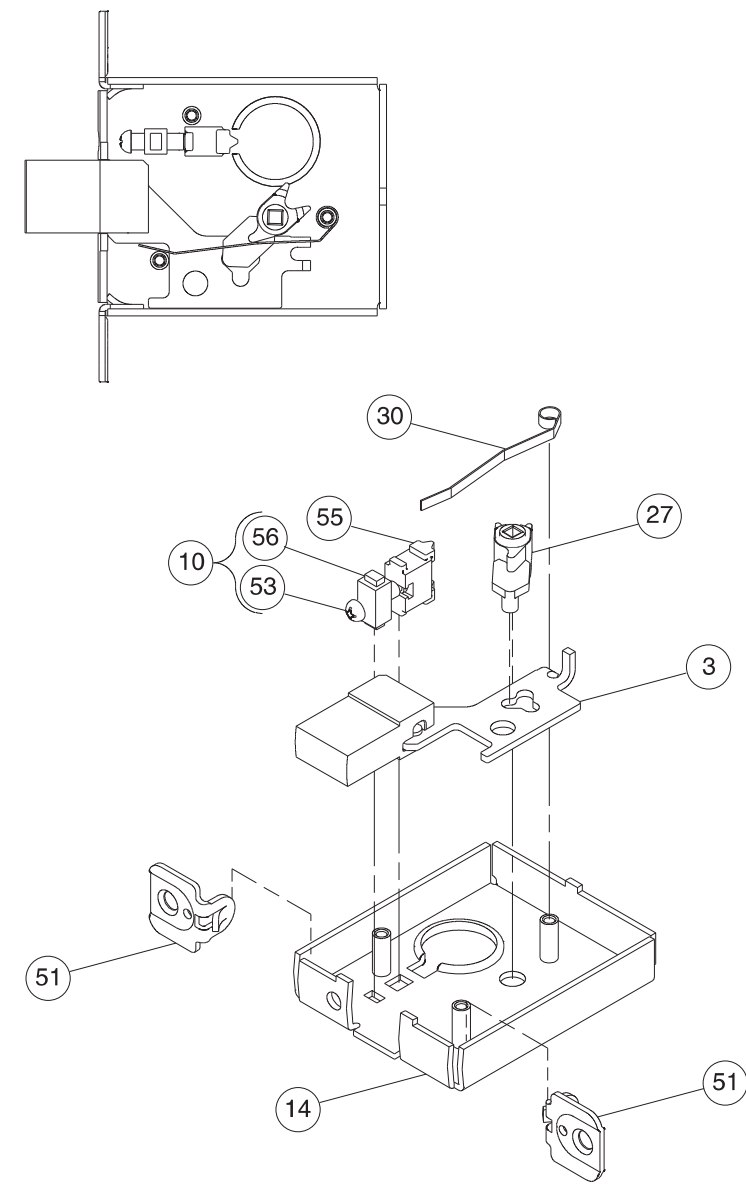
Trim assemblies

	P/N	Description	L460	L462	L463	L464	L480	L496
F	09-509	Inside thumbturn	•				•	•
H	09-611	Occupancy Indicator						•
K	09-717	L400 Series 1¼" armor front x Schlage logo, deadbolt	•	•	•	•	•	•
L	09-905	Classroom turn and 1½" blocking ring			•			
M	30-001	Full face cylinder with compression ring and spring, clover leaf cam	•	2	•	•		•
O	30-021	Full face cylinder with compression spring, clover leaf cam	•	2	•	•		•
P	36-082	Blocking ring		2	•			
Q	36-083	Compression ring and spring	•	2	•	•		•
R	C203-736	Case mounting screw pack	•	•	•	•	•	•
T	K110-020	Armor screw pack	•	•	•	•	•	•
BB	L283-099	Assembled lock case, L400 deadbolt	•	•	•	•	•	•
DD	L583-195	Compression spring	•	2	•	•		•

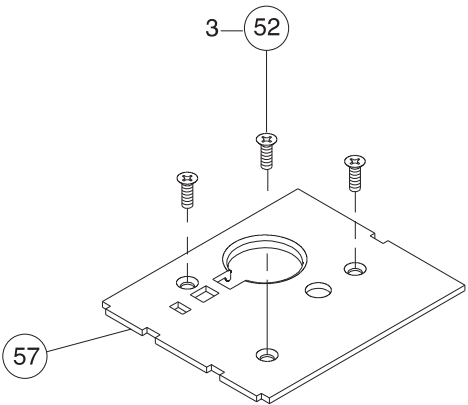
Lock case assemblies

L460, L462, L463, L464, L480, L496

Assembled Lock Case L283-099

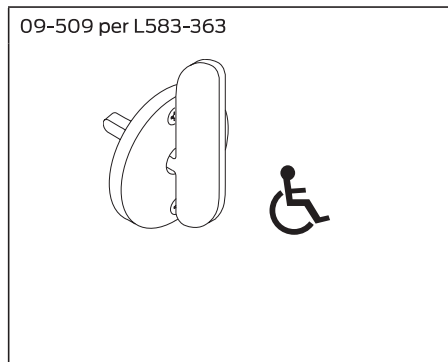


Number	Description	Part Number
3	Deadbolt	L283-003
10	Cylinder Plate & Screw	L283-055
14	L400 Lock Case	L283-128
27	Turn Hub	L583-029
30	Turn Hub Spring	L583-035
51	1 1/4" Faceplate Tab	L583-426
52	Case Cover Screws	L583-454
53	Cylinder Retainer Screw	L583-481
55	Cylinder Retainer	L583-490
56	Screw Plate	L583-492
57	Lock Case Cover	L583-494



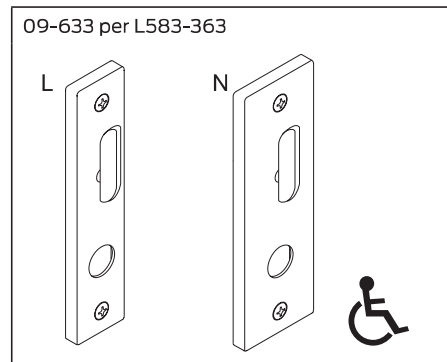
Additional trim options

"EZ" thumbturn (ADA) for rose trim



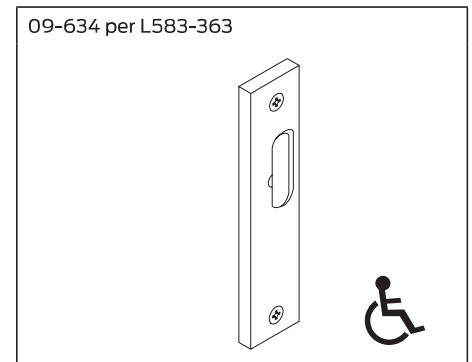
Not available for L463 or L9463 functions.

"EZ" thumbturn (ADA) x knob/lever with L or N escutcheon



Not available for L9463 functions.

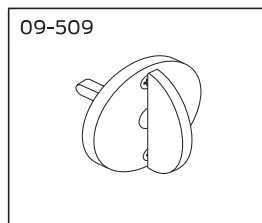
"EZ" thumbturn (ADA) x blank with L escutcheon



Not available for L9463 functions.

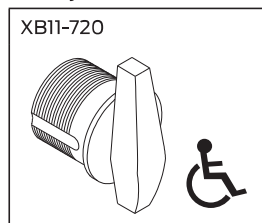
Notes: "EZ" thumbturn is not available on doors less than 1 1/8" thick.
When ordering trim parts, specify the complete design and finish (e.g. 09-633-03L 605).
See Schlage Commercial Price Book for available finishes.

Thumbturn



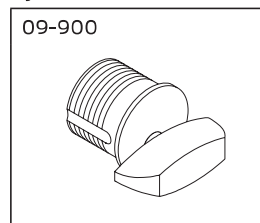
Thumbturn for deadbolt functions and privacy locks with rose trim. Specify finish and door thickness.

ADA cylinder turn



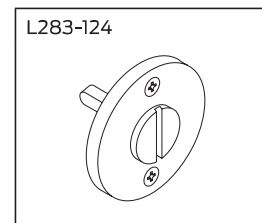
Available with L463 and L9463 locks. Specify per XB11-720, dimension, finish and door hand. If handing is not required, specify NH (non-handed). When ordered alone, specify either 09-900, 09-904, 09-905 or 09-907 per XB11-720.

Cylinder classroom turn



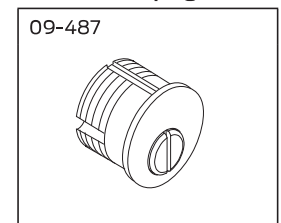
09-900 through 09-907 Cylinder classroom turns are furnished with L463 and L9463 locks. Specify dimension, finish and door hand. If handing is not required, specify NH (non-handed). For handing instructions, see page 190.

Coin turn



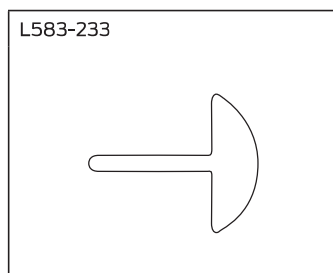
Coin turn for rose trim. Specify finish and door thickness. Available with Torx® screws, specify L283-056.

Coin turn and plug



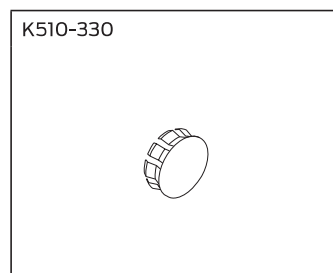
Specify dimension, finish and door hand. If handing is not required, specify NH (non-handed).

Emergency turn



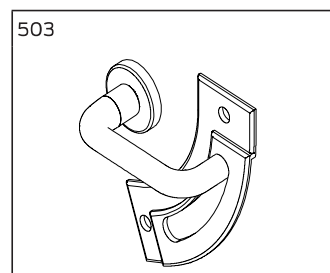
Furnished with L9040 and L9440. Specify finish as 458.

Emergency button



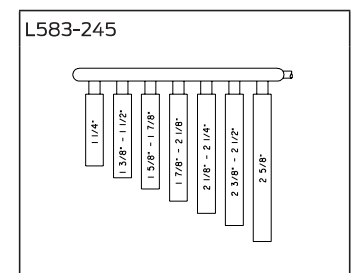
Furnished with L9040 and L9440. Specify finish.

Modified inside and outside 03 lever for Folger Adam Co.® Lever Trak™



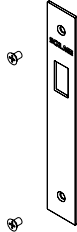
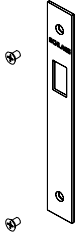
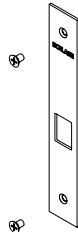
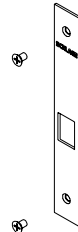
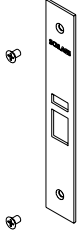
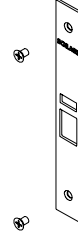
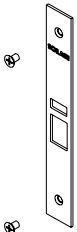
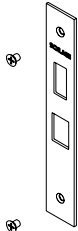
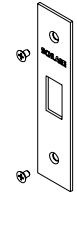
09-401, 09-402, or 09-506 per 503. Available for rose trim only. Lever Trak is not included.

Occupancy indicator breakaway driver bar



Breakaway driver bars, all door ranges. L496, L/LV9486 and L/LV9496 functions (09-611 occupancy indicator) only.

Armor fronts

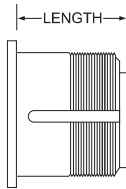
1 1/4" Square corner	1 1/16" Square corner*	Description and functions	1 1/4" Square corner	1 1/16" Square corner*	Description and functions
Non UL 09-661 	09-667 	Blank L9110 L9175 L9176	Non UL 09-168 UL 09-665 	09-179 09-671 	Deadbolt L9460 L9462 L9463 L9464
Non UL 09-165 UL 09-662 	09-216 09-668 	Latch UL L9010 L/LV9040 L/LV9044	Non UL 09-169 UL 09-666 	09-180 09-672 	Latch x aux latch x deadbolt UL L/LV9453 L/LV9482 L/LV9458 L/LV9485 L/LV9480 L/LV9486
Non UL 09-166 UL 09-663 	09-177 09-669 	Latch x auxiliary latch UL L/LV9050 L/LV9071 L/LV9056 L9080 L/LV9060 L/LV9082 L/LV9070	Non UL 09-713 	— 	Latch x auxiliary latch (holdback) L/LV9076 L/LVV9077
Non UL 09-167 UL 09-664 	09-178 09-670 	Latch x deadbolt UL L/LV9440 L9465 L/LV9444 L9466 L/LV9456 L9473 L/LV9457 L/LV9496	Non UL 09-215 UL 09-717 	— 	Deadbolt L460 L464 L462 L480 L463 L496

* For use with 1 3/8" thick doors. Use with 1 1/16" faceplate tab, L583-427.

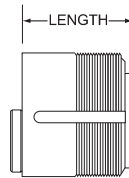
Cylinders

How to measure cylinder lengths

Full face and interchangeable core



Concealed



Cylinder length	Dimension
1⅞"	118
1¾"	114
1⅜"	138
1½"	112
1⅝"	158
1¾"	134

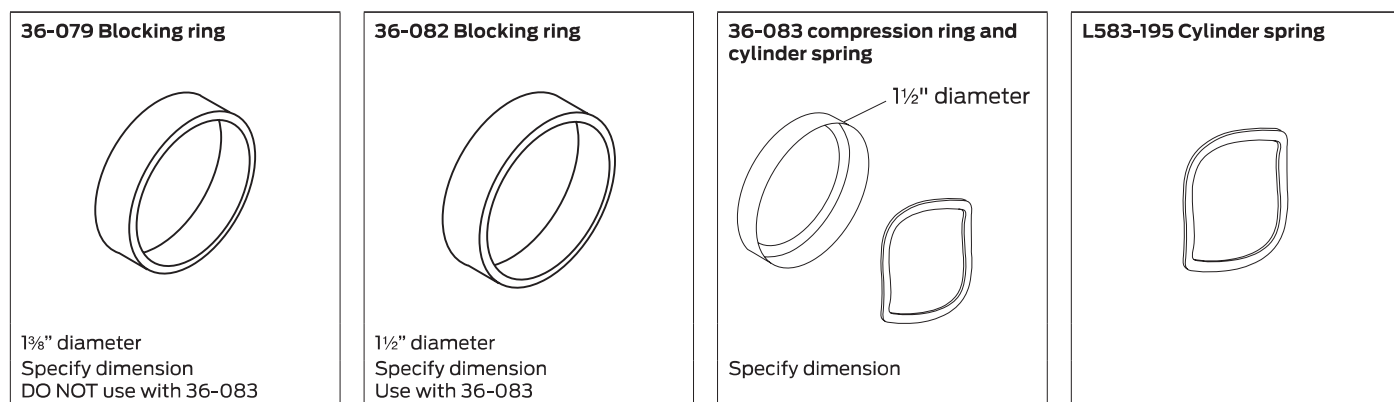
L-Series, LV-Series cylinder and length requirements

Includes 180° indicators with escutcheon trim. For 180° indicators with sectional trim, see page 178.

Function	Trim	Cylinder	Door Thickness			
			1⅞"	1¾"	2"	2¼"
			Dimension			
L9026, L9050, L9056, L9070, L9076, L9080, L9453, L9456, L9460 per XL11-635/886, L9464 per XL11-886, L9465, L9473, L9480	Rose	30-001	118	118	118	118
	Escutcheon	30-021	118	114	138	112
	Concealed	30-004	118	114	138	112
LM9280, LM9380	Rose	30-000	118	114	—	—
	Escutcheon	30-019	118	114	—	—
L9485	Rose	30-002	—	118	118	118
	Escutcheon	30-022	—	114	138	112
	Concealed	30-005	—	114	138	112
L9486	Rose	30-002	114	138	112	158
	Escutcheon	30-022	118	114	138	112
	Concealed	30-005	118	114	138	112
L9496	Rose	30-001	114	138	112	158
	Escutcheon	30-021	118	114	138	112
	Concealed	30-004	118	114	138	112
L9060 inside, L9071, L9077, L9082, L9082EL/EU, L9457, L9458, L9462 per XL11-886, L9464, L9466, L9482	Rose	30-001	118	118	118	118
	Escutcheon	30-001	114	—	—	—
		30-021	—	118	114	138
	Concealed	30-004	—	118	114	118
L9060 outside	Rose	20-001	118	118	118	118
	Escutcheon	20-001	114	—	—	—
		26-021	—	118	114	138
	Concealed	26-023	—	118	114	138
L460, L462, L463, L464, L496, L9460, L9462, L9463, L9464	Rose trim only	30-001	118	118	118	118

Note: Blocking ring and/or compression rings may be required and must be ordered separately. See page 179 for details.

Blocking and compression rings



Dimensions for blocking rings

Blocking ring length	Dimension
1/8"	012
3/16"	018
1/4"	025
5/16"	031

Blocking ring length	Dimension
3/8"	037
7/16"	043
1/2"	050

Full size core blocking ring requirements, L-Series, LV-Series

Function	Trim	Door Thickness			
		1 3/8"	1 3/4"	2"	2 1/4"
		Dimension			
L9026, L9050, L9056, L9070, L9076, L9080, L9080EL/EU L9453, L9456, L9460 per XL11-635 or XL11-886, L9464 per XL11-886, L9465, L9473, L9480	Rose	050	037	025	025
	Escutcheon	025	012	N/R	N/R
L9485	Rose	—	037	025	025
	Escutcheon	—	012	N/R	N/R
L9486, L9496	Rose	012	N/R	N/R	N/R
	Escutcheon	025	012	N/R	N/R
L9060, L9071, L9077, L9082, L9457, L9458, L9462 per XL11-886, L9466, L9482 (Two (2) blocking rings required)	Rose	—	050	043	031
	Escutcheon	025	012	N/R	N/R
L460, L464, L496, L9460, L9464	Rose	050	037	025	025
L462, L463, L9462, L9463 (Two (2) blocking rings required)	Rose	—	050	043	031

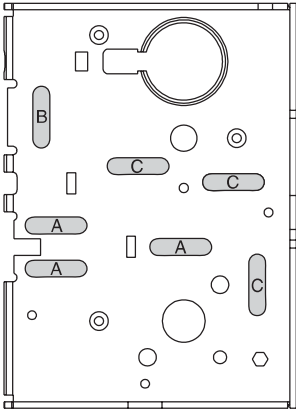
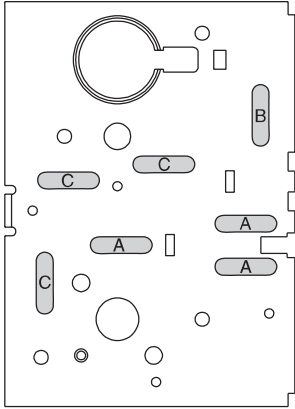
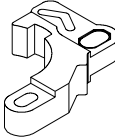
SFIC blocking ring requirements, L-Series, LV-Series

Function	Trim	Door Thickness			
		1 3/8"	1 3/4"	2"	2 1/4"
		Dimension			
L9026, L9050, L9056, L9070, L9076, L9080, L9080EL/EU, L9453, L9456, L9460 per XL11-886 or XL11-635, L9464 per XL11-886, L9465, L9473, L9480, L9485, L9485 per XL11-557	Rose	037	025	012	N/R
	Escutcheon	N/R	N/R	N/R	N/R
L9060, L9071, L9077, L9082, L9082EL/EU, L9457, L9458, L9462 per XL11-886, L9464, L9466, L9482 (Two (2) blocking rings required)	Rose	—	050	037	025
	Escutcheon	018	N/R	N/R	N/R
L9496	Rose	025	012	N/R	N/R
	Escutcheon	N/R	N/R	N/R	N/R
L460, L464, L496, L9460, L9464	Rose	037	025	012	N/R
L462, L463, L9462, L9463 (Two (2) blocking rings required)	Rose	—	050	037	025

N/R = none required

Lubrication specifications

L9000, LM9300 Series

Lock Function	Lock case lubrication areas		Subassembly and component lubrication	
L9010, L9025, L9026, LM9310, LM9325, L9080, LV9080, L9082, LV9082	A	Lock case and case cover: Apply 150 mg minimum at each applicable area.	Latchbolt: Apply 50 mg minimum	Components shown below must be barrel lubricated to obtain approximately 3 mm film
L460, L462, L463, L480, L496, L9460, L9462, L9463, L9464	B	 Lock case	Apply 100 mg minimum	L583-748 
L9465, L9466, L9473	A, B		Lever retractor assembly: Barrel lubricate to obtain approximately 3 mm film	L583-020 
L9040, LV9040, L9050, LV9050, LM9350, LMV9350, L9060, LV9060, L9066 (XL11-897), L9071, LV9071, LM9371, LMV9371, L9076, LV9076, L9077, LV9077, L9080, LV9080, L9080EL/EU, LV9080EL/EU, LM9380, LMV9380, L9082EL/EU, LV9082EL/EU, L9090EL/EU, L9091EL/EU, L9092EL/EU, L9492EL/EU, L9093EL/EU, L9493EL/EU, L9094EL/EU, L9494EL/EU, L9095EL/EU, L9495EL/EU	A, C		Auxiliary latchbolt: Apply 100 mg	L583-024 
L9440, LV9440, L9444, LV9444, L9453, LV9453, L9456, LV9456, L9457, LV9457, L9458, LV9458, L9482 (XL11-543), L9485, LV9485, L9486, LV9486, LV9496, LV9496	A, B, C	 Lock case cover	Holdback dog (L/LV9076, L/LV9077 only) bottom view: Apply 150 mg	L583-025 
			Components shown below must be barrel lubricated to obtain approximately 3 mm film	L583-029 
			L583-346 	L583-030 
			L583-383 	L583-031 
			L583-386 	L583-045 
			L583-387 	L583-051 
			L583-345 