SCHLAGE®

Primus®

Primus, Primus XP/RP

Service manual

ALLEGION™

Contents

Introduction

Key systems

Patented key systems prevent unauthorized duplication of keys providing greater key control and reduced threat of a compromised key system. Everest 29 keyway families provide the flexibility to secure and restrict the most sensitive openings in a facility while maintaining access control across the entire system.

Everest 29™ is patent protected through 2029 and delivers a higher level of security because it cannot be duplicated without authorization. The backward compatibility of Everest 29 keyways to the legacy Everest keyways provides you with flexibility and security that adapts to your needs. Everest 29 keys will work in existing Everest keyway, but current Everest keys will not work in new Everest 29 keyway. This is because of the patent enabling feature of Everest 29 and what prohibits duplication of the new Everest 29 keys.

Everest 29, Everest, and Classic (Quad and Obverse) key systems can be enhanced and restricted to limited distribution with the addition of Primus XP. Primus XP, Schlage's high security sidebar cylinder mechanism, introduces an added level of security control. It delivers patented key control, geographical exclusivity, and pick resistance with the option of adding UL 437 drill resistance.

Primus RP is patent protected through 2029, and is backward compatible with Primus and Primus XP for Classic Obverse keyway family until 2029. Primus RP, Schlage's high security sidebar cylinder mechanism, introduces an added level of security control. It delivers patented key control, geographical exclusivity, and pick resistance with the option of adding UL 437 drill resistance.

Whether you're retrofitting a building or implementing a key system for a newly constructed complex, Schlage key systems deliver the security you need at every level throughout your building, campus, or worldwide facility.

Everest 29 keyway			Everest keyway			Classic keyway				
EVEREST 29 PRIMUS XP	EVEREST 29 PRIMUS	EVEREST 29	EVEREST PRIMUS XP	EVEREST PRIMUS	EVEREST	PRIMUS RP	PRIMUS XP	PRIMUS	CLASSIC	
●	●	●				●				Patented until 2029
			●				●			Patented until 2024
				●	●					Patented expired 2014
●	●	●	●	●	●	●	●	●	●	Commercial applications
●	●		●	●		●	●	●		Maximum key duplication restrictions
		●			●					Some key duplication restrictions
									●	No key duplication restrictions
		●			●					SFIC available
		●			●					Check pin
●	●		●	●		●	●	●		Finger pins/side bar configuration
●			●			●	●			#7 Finger pin available for added security
●	●	●	●	●	●	●	●	●	●	Bulk pack available
●	●	●	●	●	●	●	●	●	●	Master keying available for all levels

Introduction

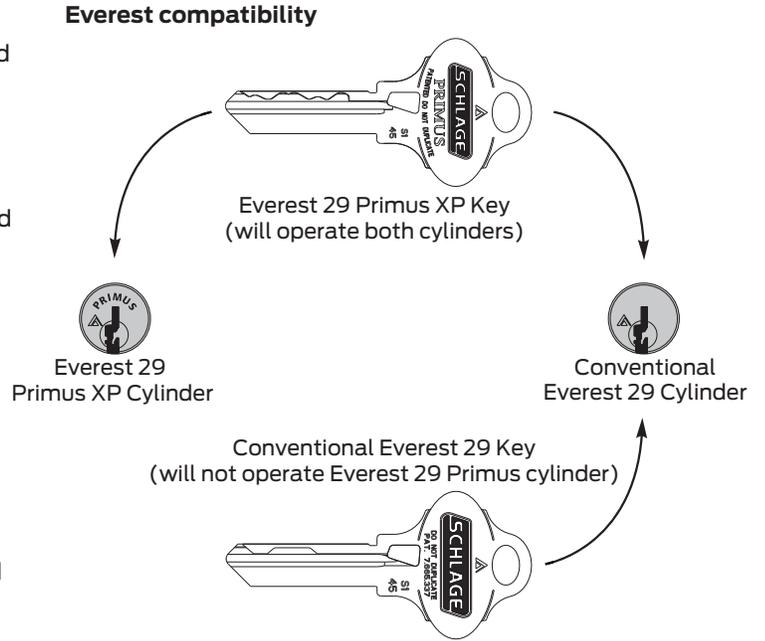## Primus and Primus XP compatibility

Primus, Primus XP, and Primus RP cylinders can be incorporated into any system using classic keyways including master keyed systems with no adverse effects on the system's expansion.

Everest Primus and Everest Primus XP compatibility

Everest 29 Primus, Everest Primus, Everest 29 Primus XP, and Everest Primus XP cylinders can be incorporated into any system using the Everest 29 and Everest keyway including master keyed systems with no adverse effects on the system's expansion. This would include use with Everest 29 and Everest Open cylinders and Everest 29 and Everest Restricted cylinders.

Serviceability

It is unnecessary to invest in any additional servicing equipment for pinning than what is needed to service conventional cylinders. The side bitting is cut into the key blanks at the factory and the keys are able to be combinated using standard key cutting equipment.

Everest compatibility

Everest 29 Primus XP Key
(will operate both cylinders)

Everest 29
Primus XP Cylinder

Conventional
Everest 29 Cylinder

Conventional Everest 29 Key
(will not operate Everest 29 Primus cylinder)

Cylinder differences

|	PRIMUS	PRIMUS RP	PRIMUS XP	⚠ EVEREST 29 PRIMUS / ⚠ EVEREST PRIMUS	⚠ EVEREST 29 PRIMUS XP / ⚠ EVEREST PRIMUS XP
Keys and key bows	• The word "Primus" is stamped on the back of the key bow. • Standard key is embossed on both sides. Available embossed on only one side. • Same as Classic Key shape with limited stamping space.	• The word "Primus" is stamped on the front of the key bow. • Standard key is embossed on one side only, with stamping space available on back of the key bow.	• The word "Primus" is stamped on the front of the key bow. • Standard key is embossed on one side only, with stamping space available on back of the key bow.	• The word "Primus" is stamped on the front of the key bow. • Standard key is embossed on one side. Plain bow available. • 20% larger than Classic Primus keys with a larger stamping area on key bow.	• The word "Primus" is stamped on the front of the key bow. • Standard key is embossed on one side. Plain bow available. • 20% larger than Classic Primus keys with a larger stamping area on key bow.
U.S. Patents	None	U.S. 8,230,708 & 8,281,628	U.S. 7,159,424	U.S. 7,665,337	U.S. 7,159,424 & 7,665,337
ID numbers	Locksmith ID stamped on Level 1+ Keys.	Locksmith ID stamped on Level 1+ Keys.	Locksmith ID stamped on Level 1+ keys.	ID numbers stamped on every key.	ID numbers stamped on every key.
Key sections stamping	Standard. Key sections stamped on all keys and plugs.	Standard. Key sections stamped on all keys and plugs.	Standard. Key sections stamped on all keys and plugs.	Standard. Key sections stamped on all keys and plugs.	Standard. Key sections stamped on all keys and plugs
Master keying*	Available for Level 1 – 4 keying systems.	Available for Level 1 – 4 keying systems.	Available for Level 1 – 4 keying systems.	Available for Level 7 – 9 keying systems.	Available for Level 7 – 9 keying systems.
(Nominal) key thickness	.092"	.092"	.092"	.106"	.106"
#7 Finger pin available	No	Yes	Yes	No	Yes

*	Ordering Primus master keyed products is similar to ordering any other Schlage master keyed products with the one addition of the necessary Primus forms (Electronic or hard copy validation forms as needed, see page 43-46).

Terminology

Keyways

Classic

Classic Schlage pin tumbler keyways existed before Everest keyways. Obverse is the name of the open family of keyways (C, E, etc.). There is another family of restricted keyways: Quad (Legacy and XP only).
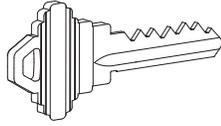
Everest

Everest cylinders and keys incorporate all new keyways with the patented undercut groove on the right side of the key section.
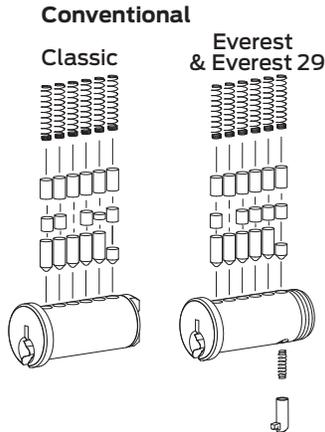
Undercut Groove

Everest 29 S Family refers to the open family of keyways. R Family (for SFIC and SL*) and T Family keyways are restricted.

* Information for SL can be found in the SL service manual.

Cylinder mechanisms

Conventional cylinders

Standard cylinders which incorporate a series of locking top pins.

Conventional

Classic

Everest & Everest 29

Primus cylinders

Schlage's high security sidebar cylinder mechanism provides key control, geographical exclusivity, and pick resistance, standard. UL437 drill resistance is optional. Primus keys operate conventional cylinders.

Primus

Classic, Everest Primus, & Everest 29 Primus
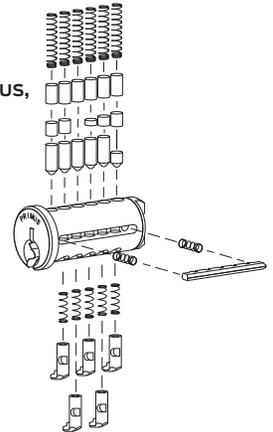
Key control

Restricted keyways

Special non-stock keyways set aside for limited use and a higher degree of key control.

A letter of authorization from the end user is required to process orders for Restricted keys, blanks, and cylinders.

Open keyways

Standard keyways available without any ordering formalities. S Family (Everest 29), C Family (Everest) and Obverse (Classic) keyways are open.

Cylinder category

Full size

Pertaining to cylinders (including interchangeable cores), keys, and keyways based on the industry standard plug diameter of about ½". All Schlage cylinders except SFIC are full size.

Small format interchangeable core (SFIC)

A core providing patented key control that is completely interchangeable with Best and its other clones, offered in Everest 29 R, Everest B Family restricted keyways. No Primus version exists.

Pins, springs, keys and keyways are based on a plug diameter smaller than the standard ½".

Full Size Examples

SFIC Example
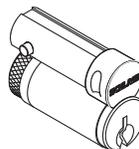
Full Size IC
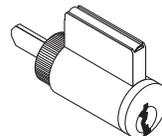
Key-in-Knob/Lever

Construction and operating principles

The Primus/Primus XP/RP cylinder is a conventional Schlage cylinder with a few modifications. A sidebar and finger pins are added to the conventional cylinder to provide additional security.

The Primus/Primus XP/RP key has a secondary bitting on the side of the blade to accommodate the finger pins. When the key is inserted, each of the side bit cuts lifts the finger pin and rotates it so that the notches in the side bar align with the notches in the back of the finger pins.

When all notches on the side bar and back of the finger pins are aligned and the regular pins are aligned at the shear line the plug is free to rotate.

Secondary side bitting

Finger Pin

Finger pins rotated

Springs

Top Pins

Master Pins (as needed)

Bottom Pins

Sidebar Springs

Sidebar

Finger Pin Springs
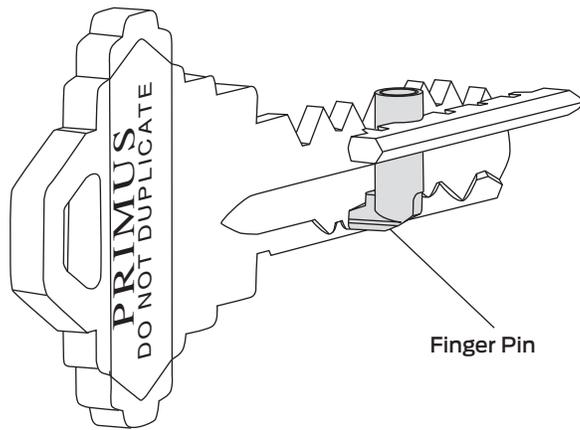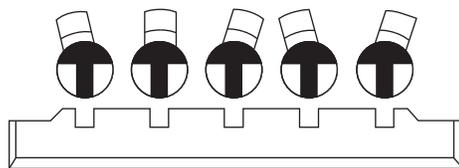
Finger Pins
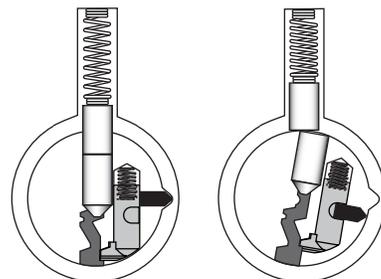
Locked   Unlocked
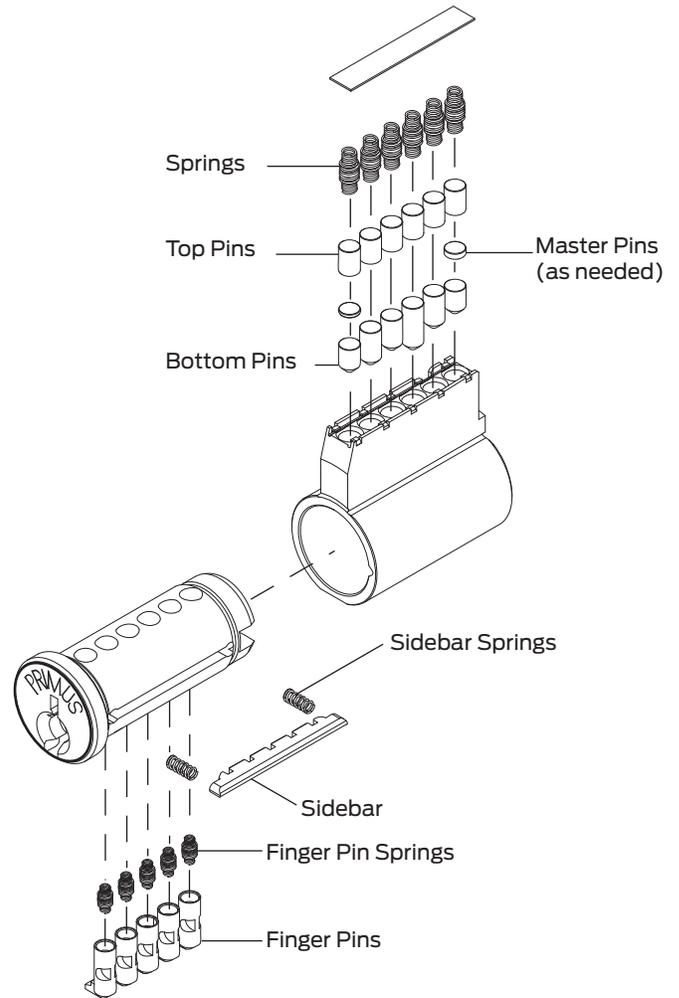
Modular cylinders

Introduced in April 2010, the Schlage modular cylinder provides easy convertibility between key-in-lever to mortise and rim cylinders. These benefits make Schlage cylinder inventory flexible, reduce the size and cost of inventory and customer lead time, and increase customer satisfaction. With a few modular components in stock, the cylinder type and finish required will always be on hand. The modular cylinder accepts a tailpiece or a mortise cam.

Product line availability: A, ALX, B500, B600/700/800, CL, L, ND, S, S200, Kryptonite (KS, KC), and Rim (standard and lockout).

Modular key-in-knob cylinder

Modular mortise cylinder

Modular rim cylinder

Key-in-knob/key-in-lever to modular mortise or rim cylinder conversion
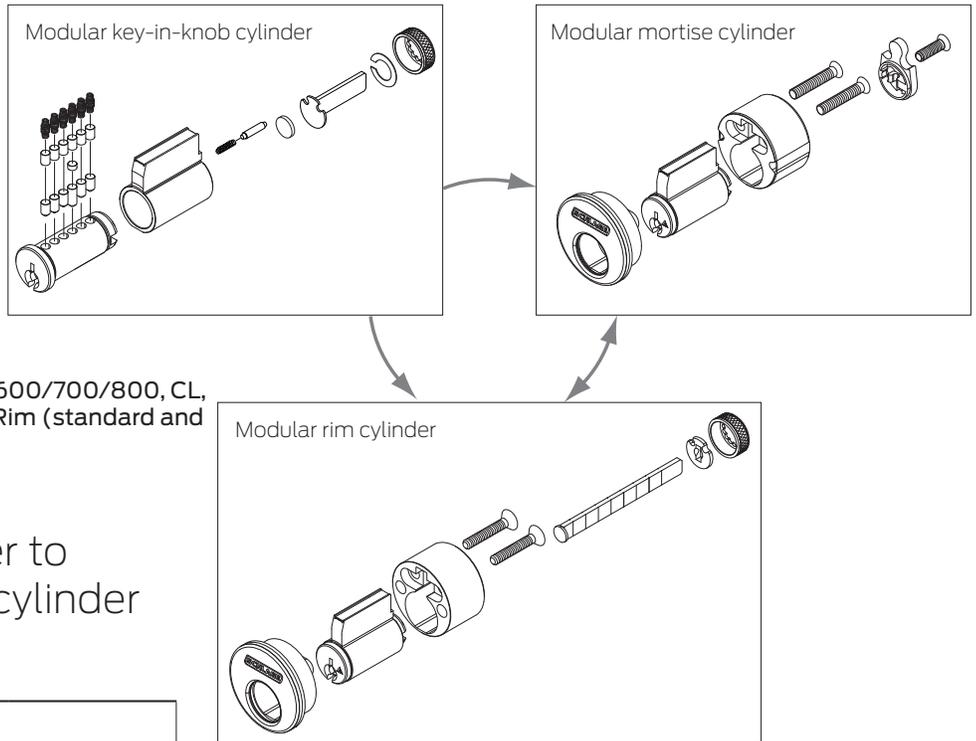
Modular housing interchangeability				
Housing		**Cam**	**Cam screw**	**Plug extension**
Part no.	**Size**	**Part number**		
B520-721	1 ⅛"	L583-474	B520-690	—
B520-722	1 ¼"	L583-475	B520-690	—
B520-723	1 ⅜"	L583-474	B520-691	B590-298
B520-724	1 ½"	L583-475	B520-691	B590-298
B520-725	1 ⅝"	L583-474	B520-692	B590-299
B520-726	1 ¾"	L583-475	B520-692	B590-299

Cam
L583-474 or L583-475

Cam Screw, 1"
B520-692

Plug Extension
B520-299

Cam Screw, ¾"
B520-691

Cam
L583-474 or L583-475

Plug Extension
B520-298

Cam Screw, ½"
B520-690

Cam
L583-474 or L583-475

1¾"

1⅝"

1½"

1⅜"

1¼"

1⅛" housing
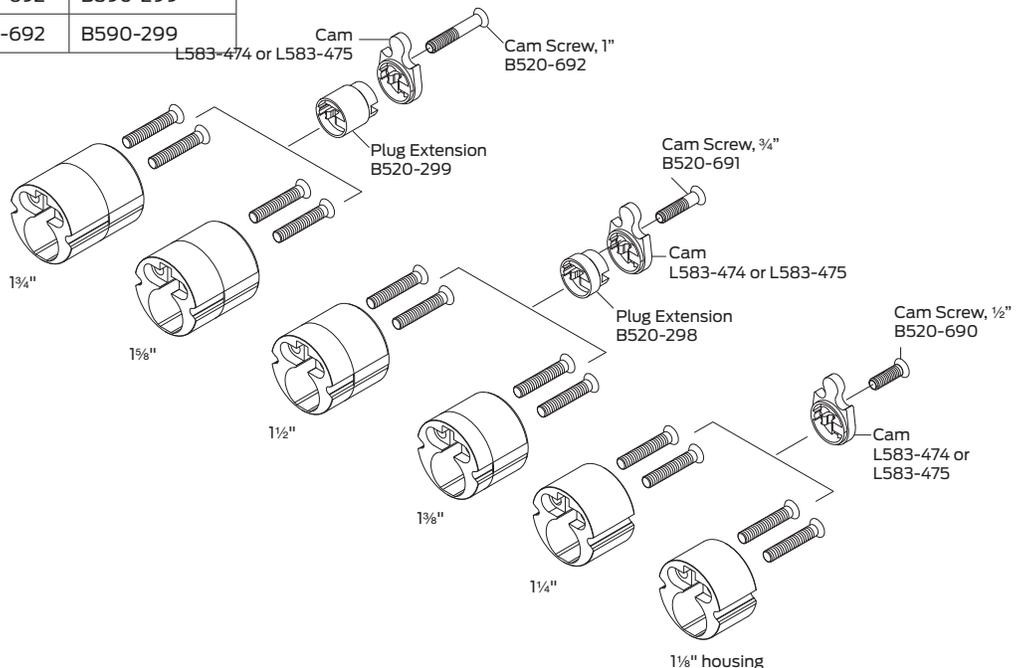
Cam and tailpiece differences

Prior to April 2010, the cams and tailpieces used in the Primus and Primus XP cylinders were different than conventional cams and tailpieces because of the location of the sidebar and finger pins.

The illustrations below are rear views of the mortise cylinder as well as the key-in-knob/key-in-lever cylinders showing the differences in screw and cap pin locations. All Everest 29 keyway cylinders use the Primus/Primus XP/RP screw and cap pin location.

Traditional cylinders (prior to July 2010)
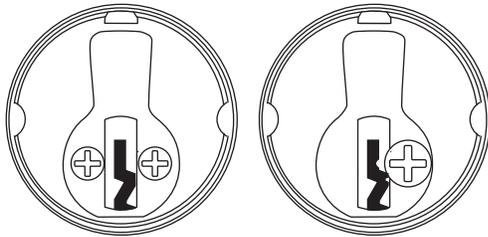
Conventional Classic   Primus & Everest 29

Modular cylinders

1/8 3/8 5/8
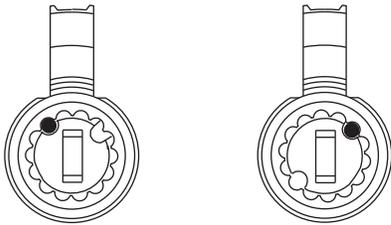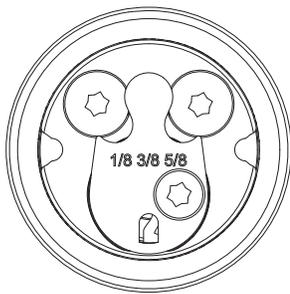
Mortise

KIK, KIL, Everest 29, Primus, & Classic

Full size interchangeable core (FSIC)

Schlage introduced its Full Size Interchangeable Core (FSIC) in 1984. Like the key-in-knob/key-in-lever cylinders, the core uses a cap pin and spring mechanism, but the cap pin also serves to drive the cam or tailpiece.

Housings and tailpieces manufactured before the Primus core was introduced only had clearance for the conventional cap pin. Now, all FSIC housings and tailpieces are made to accommodate both cap pin locations.
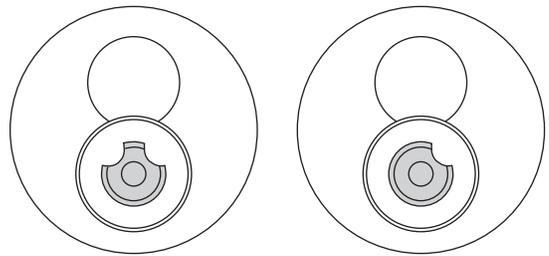
Current Design   Pre-1992

UL437

Conventional Schlage cylinders are available in a standard configuration as well as with a UL437 option (Primus secondary locking mechanism required). The catalog numbers associated with a standard cylinder are 20-7XX while the catalog numbers associated with the UL437 cylinder are 20-5XX.

The UL437 Primus/Primus XP/RP cylinders incorporate drill resistant components for additional security.

UL437 is not available for IC cores (FSIC or SFIC).

Modular cylinder note:

With the introduction of the modular cylinder, the cap pin & spring location was moved to the upper right when viewed from the rear. Additionally, the cam attachment types were standardized to a single screw attachment. Cams are available to fit multiple manufacturers' lock designs and are separated by cylinder length increments. One cam covers 1/8", 3/8", and 5/8", and the other cam is designed for 1/4", 1/2", and 3/4" cylinder length increments.

Lockout cylinder

The Primus/Primus XP lockout cylinder is for use in applications in which it is necessary to temporarily disable the cylinder. It is essentially a very basic access control device. Note: The lockout cylinder is not available for Primus RP.

The lockout cylinder utilizes a standard 6-pin chamber row as well as a 4-pin chamber row with a special key.

Normal row of 6 chambers

Lockout row has only front 4 chambers
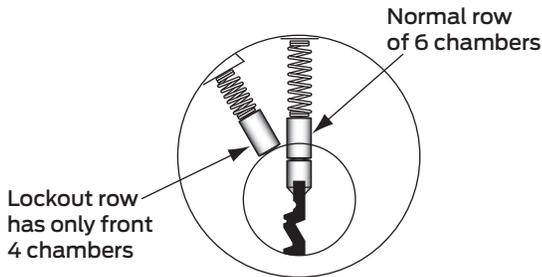
When the plug is in its standard operating position all keys will operate the lock. Temporarily disable to regular operating keys, the plug can be turned with the special key to align the bottom pins with the lockout row of pins.

NORMAL OPERATION

LOCKOUT MODE
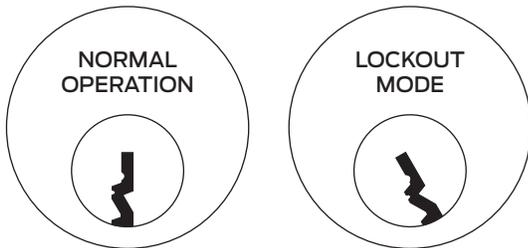
Pinning rules

1. The fifth cut must be at least a #3 depth and the sixth cut must be equal to or deeper than the fifth cut.

2. Lockout cylinders must NOT be master keyed. When keys are inserted quickly, master pins may remain in the shell. This could cause a lockout, trap an operating key, or just prevent further operation of the cylinder.

How the lockout cylinder works

Operating key turned to the Lockout Position
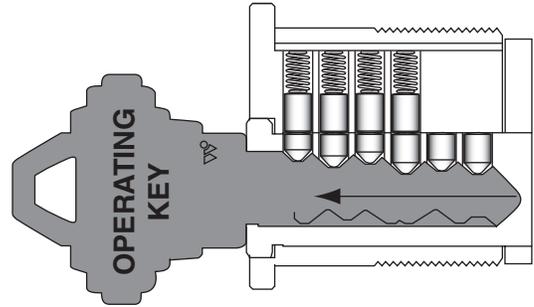
OPERATING KEY

The operating key cannot be removed in the lockout position because the back two pins are unable to disengage from the key

Lockout key turned to the lockout position

LOCKOUT KEY
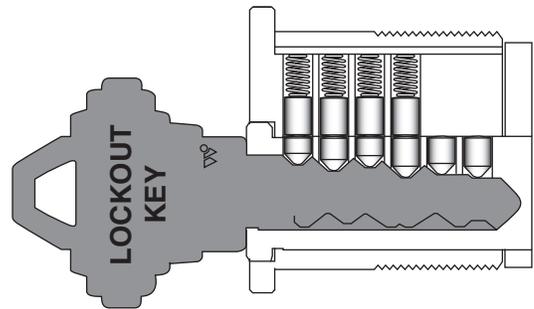
The last two notches in the key are removed allowing the key to exit the cylinder.

Operating key entering in lockout position
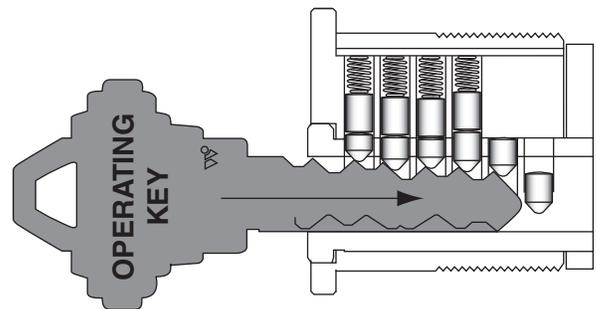
OPERATING KEY

The operating key cannot enter the cylinder because the back two pins are not able to settle into their bitting spaces on the key.

NOTE: Lockout cylinders are not available in the new modular cylinder design.

Key bitting specifications

The following specifications are the same for Schlage Classic™ keys, including Primus®
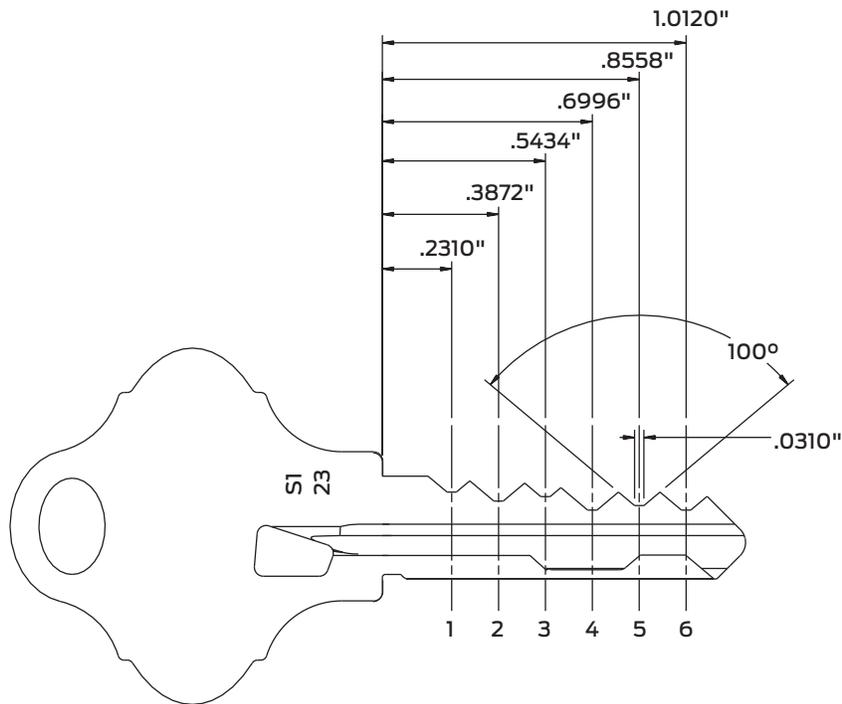
MACS = 7	
Increment:	0.015"
Progression:	Two Step
Blade Width:	.343"
Depth Tolerance:	+ .002" - 0
Spacing Tolerance:	± .001"

Root depths

0	.335"	5	.260"
1	.320"	6	.245"
2	.305"	7	.230"
3	.290"	8	.215"
4	.275"	9	.200"

Cuts are read and written bow to tip. The patented Primus side bitting process is done at the Schlage factory. Key blanks have side bitting already milled.

Pins and springs

Bottom pins

Size	Length	Part no.
0	.165"	34-300
1	.180"	34-301
2	.195"	34-302
3	.210"	34-303
4	.225"	34-304
5	.240"	34-305
6	.255"	34-306
7	.270"	34-307
8	.285"	34-308
9	.300"	34-309

Master pins

Size	Length	Part no.
2	.030"	34-202
3	.045"	34-203
4	.060"	34-204
5	.075"	34-205
6	.090"	34-206
7	.105"	34-207
8	.120"	34-208
9	.135"	34-209

Other pins and springs

Description	Part no.
Tumbler Spring	C503-113
Finger Pin Spring	C603-951
Sidebar	C603-950
Sidebar Spring	C603-952
Non-IC Cap Pin	C503-116
FSIC Cap Pin	C603-827
Cap Pin Spring	C503-115

Finger pins

Size	Part no.	RP Part no.
1	34-001	34-223
2	34-002	34-224
3	34-003	34-225
4	34-004	34-226
5	34-005	34-227
6	34-006	34-228
7	34-058	34-229

Top pins

Size	Length	Part no.	Application
1	.235"	34-101	Pin Stack total = 0, 1, 2, 3
2	.200"	34-102	Pin Stack total = 4, 5, 6
3	.165"	34-103	Pin Stack total = 7, 8, 9

Reading keys

All Primus keys will have exactly six standard cuts and five side bit cuts, which should be read from the bow of the key to the tip.
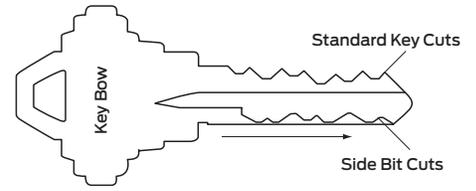
Standard cuts

Standard key cuts should be read using the Schlage key gauge (40-104). Insert key into widest end and slide until key stops. The nearest number is the key cut depth.
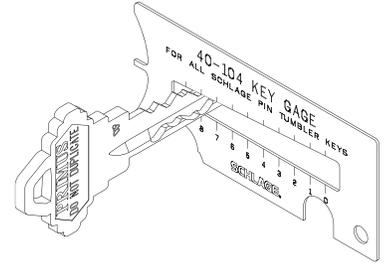
Side bit cuts

There are six side bit cut possibilities for Primus and Everest Primus and seven side bit cut possibilities for Primus XP and Everest Primus XP.
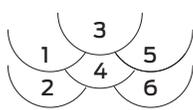
Primus® and Everest® Primus®
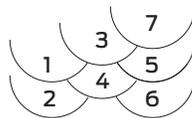
Primus® RP
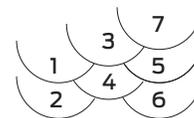
Primus® XP and Everest® Primus® XP

Each of the side cuts raise and rotate the finger pin in order to align the notch in the pin to the notch in the side bar.
If a side cut is misread, the pin will not align with the side bar by being too high, too low or rotated in the wrong direction.

Notches Aligned

Cut is too low — Rotated incorrectly and cut is too high
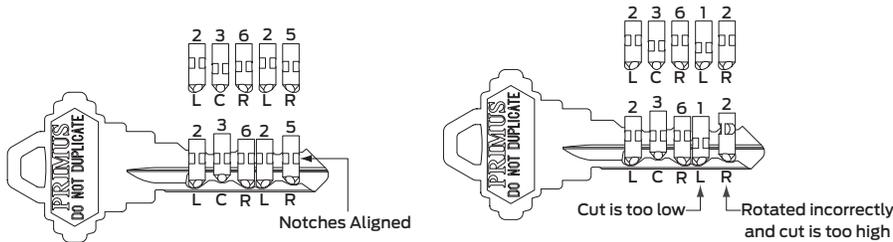
Reading side pins

Learning to read finger pins is useful because pins can get spilled or mixed in with other size finger pins.
In 1998 the bottom of the finger pin was redesigned. This does not affect the functionality of the pins or the technique used for reading the pins.

1. Determine the angle

Left   Center   Right

Tweezers →

2. Determine the depth

| Left and Right | | Center | | Right |
| Shallow | Deep | Shallow | Deep | Extra Shallow |

(ref.)

XP Products Only
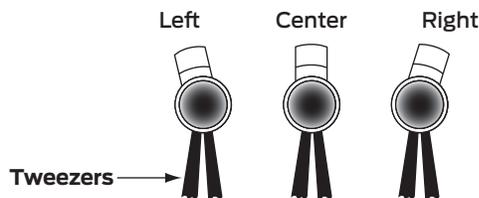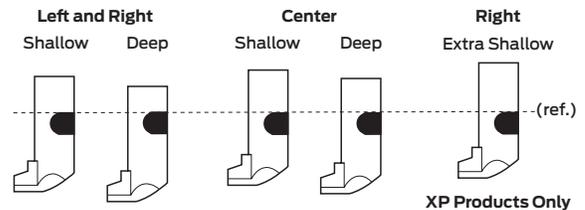
3. Convert angle and depth to numbers

	Left	Center	Right
Deep	2	4	6
Shallow	1	3	5
Extra shallow			7

Key control levels overview

Below is a chart that provides an overview and comparison of the different key control levels. In-depth information is covered in the pages following.

Dealer controlled systems

Dealer controlled systems are sold and serviced by the locksmith or dealer who sold the system. End users must order keys and request servicing through the original dealer.

End user exclusive systems

End user exclusive systems are sold directly to and controlled by the end user. The systems are generally sold to larger businesses or those that need a very high level of security. Side bit milling is exclusive to the end user based on either a random assignment, the first two digits of the zip code, time zone or on a nationwide basis.

	Primus XP levels				Cylinder and key ordering process		
	Classic	Everest 29	Exclusivity	Commitment	End user	Dealer	Shipped to
Dealer controlled	1		None	None	Order through any authorized Schlage dealer	Standard order	To dealer from distributor
	1+	7	Zip code (first 3 digits)	Formal agreement and initial Primus XP inventory order	Order through originating Primus XP dealer only	Dealer to provide Primus XP I.D. and keyway section name or number	To dealer from factory
	2	8	Time zone	Formal agreement and initial Primus XP inventory order			
End user controlled	3U	9U	Random (not exclusive)	Initial purchase of 59 or fewer cylinders	Provide signed face sheet with order specifying keyway to any Primus XP authorized dealer	Dealer to provide end user's Primus XP I.D> and keyway section name or number	End user determined
	3G	9G	Zip code (first 2 digits)	Initial purchase of 60 or fewer cylinders			
	4Z	9Z	Time zone	2000 or more cylinders must be maintained or alternative fee based arrangement			
	4N	9N	Nationwide	4000 or more cylinders must be maintained or alternative fee based arrangement			

Note: Primus RP has levels like Primus and Primus XP, but will not come with a card.

Key control procedures: dealer controlled systems

Identification cards

Note: Primus RP has levels like Primus and Primus XP, but will not come with a card.

The dealer is responsible for stocking ID cards for levels 1, 1+, 2, 7 and 8 and verifying all authorized signatures to issue new keys as key blanks are not permitted to be sold to end users.

The card for each level bears a unique colored stripe, dealer information and a signature panel on the back. When receiving an order for new keys, it is the responsibility of the dealer to verify the signature on the back of the card.

**ID Cards
(Order in multiples of 50)**
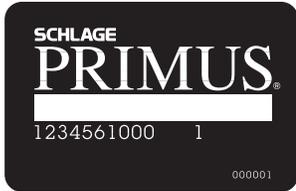
**ID Cards
(Order in multiples of 50)**

Level 1	40-061
Level 1+	40-065
Level 2	40-062
Everest Primus	40-060*

* Specify level 7 or 8

Level 1	40-061-XP
Level 1+	40-065-XP
Level 2	40-062-XP
Everest Primus	40-060-XP*

* Specify level 7 or 8

Restricted key order form

The restricted key order form is available for no charge and makes the process of tracking keys very easy. The end user receives one copy for his records and the dealer retains a copy in his records.

Primus control register MS-E160

Though not required, dealers should use this form (or create their own form) to track key issues, inaccurate cuts, key blank shipments received and discrepancies.

Issuing ID cards

It is recommended that the dealer consistently use one of the following procedures to issue ID cards to end user customers.

1. Issue a card to each end user or authorized signatory. The end user must keep the card and present it each time a key is requested. Verify the signature with the back of the card and verify the validity of the card in the log book.

2. Issue a card to each end user or authorized signatory. Keep all signed cards in a secure location with the key records. Verify the signature on the back of the card and validity of the card in the log book each time a key is requested.

3. When multiple signatures are required, use the Primus Signature Card. This can be used in addition to or instead of ID cards for the Dealer Levels. **This method should not be used with Level 1 as the end user may request keys from any Level 1 dealer.**

Managing lost, stolen or invalidated cards

Each ID card has a unique serial number in the lower right corner. If a card is reported lost or stolen or a business changes authorized personnel and a previously authorized card holder refuses to surrender a card, the dealer must note in his log that the card is no longer valid to obtain keys.

Card serial number and signature verification should be part of every key authorization.

Managing key blank inventory

It is important to keep an accurate record of key blank inventory and a detailed log of keys issued in case a question arises from an end user or law enforcement agency.

Each incoming order of Primus blanks should be logged with a transaction on a restricted key order form, signed and dated by the employee who received and counted the blanks.

All inaccurate cuts should also be documented on one of these forms, signed and dated by the employee who handled the transaction and logged into the main book.

The total number of key blanks received, minus inaccurate cuts and keys issued, should always equal the number still on hand. The dealer should reconcile the log periodically and also log any discrepancies at that time. Discrepancies may indicate a breach in security or a careless employee.

Key control procedures: end user controlled systems

Overtur keying - restricted products

Digital authorizations can be created and easily managed through the Over Keying portal, https://restrictedproduct.allegion.com.

The website allows users to easily manage all order authorizations for restricted key systems. It eliminates paperwork by providing product authorizations.

Setup and Re-ordering

- End Users creates account though Overtur Keying - Restricted Products portal. Manage who can generate authorizations and order products for your key system

- Create digital authorization to be submitted with order.

Signature verification

Authorization for the end user levels is performed at the Schlage Key Control Department. The dealer is responsible for submitting the end user's signed forms to Schlage with each order.

Primus signature card

The Primus signature card is found at the back of this manual and should be used to register each project and its authorized signatories with the factory.

The dealer should complete the form with the end user (job) name, street address and zip code. The zip code is used to maintain the varying degrees of geographical exclusivity offered at the end user levels.

There is space for up to five authorized signatures on the signature card. All signatures will have equal authority to order locks, keys, key blanks and cylinders unless otherwise noted. The signature at the top of the list has authority to add and delete signatures from the card, so it is important that the appropriate person is the top signer.

Primus face sheet form

The Primus Face Sheet form is located in the back of this manual and is required for all Primus, Primus XP, and Primus RP factory orders.
Levels 3, 4 and 9 are the highest levels of key control. For this reason, no faxed or photocopied signatures will be accepted by the Primus Key Control Department.

It is permissible to fax or photocopy the blank forms in order to speed up the authorization process when the end user has no blank forms. However, once the page is signed it becomes an original and cannot be faxed or photocopied, then submitted for an order.

It is also possible to order a supply of blank forms at no charge using the following form numbers:

Signature Card	MS-E130
Face Sheet	MS-E120

Classic Primus and Classic Primus XP/RP keyways

Level 1 and Level 1+ keyways

Keyway → **CP** **CEP** **EP** **EFP** **FP** **FGP**

Level 2, 3 and 4 keyways

Stainless Steel
All-Section Key
LP

Multi-Section Keys
HP **JP**

CP **CEP** **EP** **EFP** **FP** **FGP**
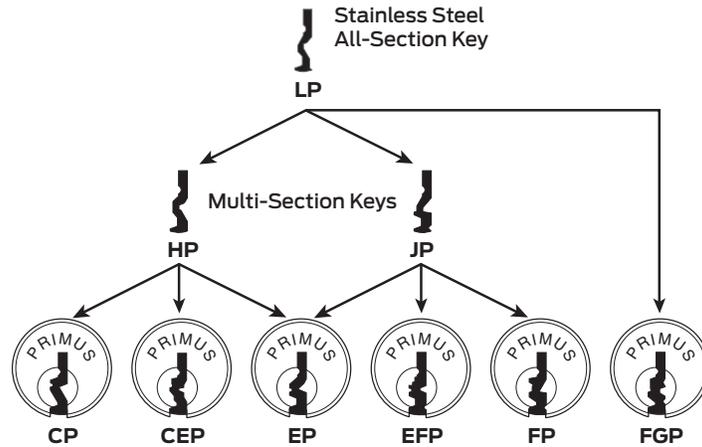
Everest 29 Primus and Everest 29 Primus XP keyways

All-Section Key
S000

Multi-Section Keys
S100 **S200**

Multi-Section Keys Multi-Section Keys
S150 **S120** **S230**

S134 **S145** **S135** **S125** **S124** **S123** **S234** **S235** **S245** **S345**
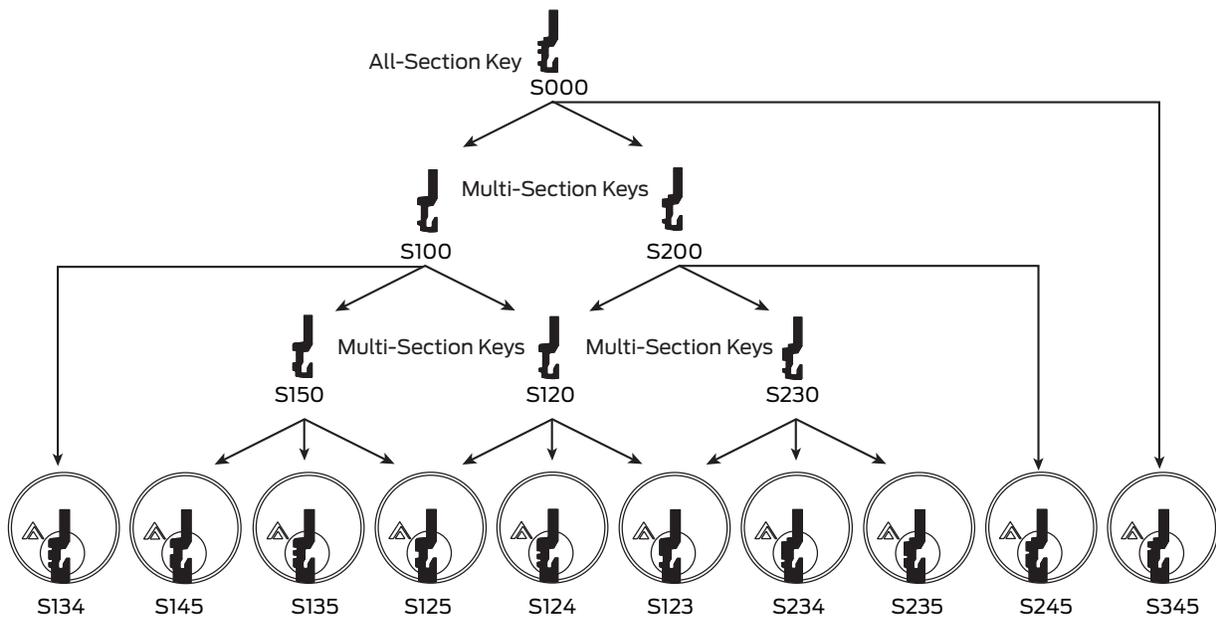
New master key systems begin here
and expand to the right

Stock keyway for
commercial sales

NOTE: Not all available keyway families are shown.

Key-in-knob/key-in-lever cylinders

The part numbers for assembled Classic Primus and Everest Primus cylinders are the same, except for the keyway suffix. To order XP products, add the suffix "-XP" to the end of the complete cylinder number. (Example, "20-793-XP S123" is Everest 29 Primus XP cylinder with a S123 keyway.) To order RP products, add the suffix "-RP" to the end of the complete cylinder number, only available in Classic Obverse keyways. (Example, 20-793-RP C is Primus RP cylinder with a Schlage C keyway).
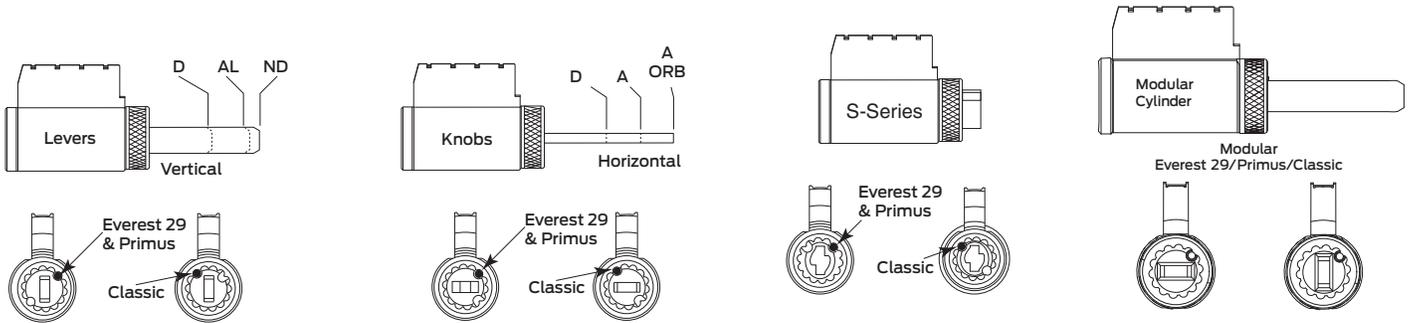
Note: Everest & Primus and Classic cap pin positions are non-modular

Schlage lock sets

Series	Design	Cylinder mechanism	Complete cylinder	Plug	Shell	Tailpiece
A, H	Except Orbit	Primus Primus XP Primus RP	20-724 20-724-XP 20-724-RP	33-136 for Classic 33-119 for Everest 29	A508-655	A301-337
		Primus UL437 Primus XP UL437 Primus RP UL437	20-524 20-524-XP 20-524-RP	33-154 for Classic 33-221 for Everest 29		
A, H	Orbit	Primus Primus XP Primus RP	20-724-122 20-724-122-XP 20-724-RP	33-136 for Classic 33-119 for Everest 29	A508-655	A301-338
		Primus UL437 Primus XP UL437 Primus RP UL437	20-524-122 20-524-122-XP 20-524-RP	33-154 for Classic 33-221 for Everest 29		
AL, ALX	All	Primus Primus XP Primus RP	20-728 20-728-XP 20-728-RP	33-136 for Classic 33-119 for Everest 29	A508-655	A700-031
		Primus UL437 Primus XP UL437 Primus RP UL437	20-528 20-528-XP 20-528-RP	33-154 for Classic 33-221 for Everest 29		

Key-in-knob/key-in-lever cylinders

Series	Design	Cylinder mechanism	Complete cylinder		Plug	Shell	Tailpiece	
D Knobs	All	Primus Primus XP Primus RP	Std Door	2-2½" Door	33-136 for Classic	A508-655	Std Door	2-2½" Door
			20-748 20-748-XP 20-748-RP	20-724 20-724-XP 20-724-RP	33-119 for Everest 29		C603-524	A301-337
		Primus UL437 Primus XP UL437 Primus RP UL437	20-548 20-548-XP 20-548-RP	20-524 20-524-XP 20-524-RP	33-154 for Classic			
					33-221 for Everest 29			
ND Levers	All	Primus Primus XP Primus RP	20-765 20-765-XP 20-765-RP		33-136 for Classic	A508-655	N523-022	
					33-119 for Everest 29			
		Primus UL437 Primus XP UL437 Primus RP UL437	20-565 20-565-XP 20-565-RP		33-154 for Classic			
					33-221 for Everest 29			
S and S200	All	Primus Primus XP Primus RP	20-752 20-752-XP 20-752-RP		33-136 for Classic	A508-655	S605-231	
					33-119 for Everest 29			
		Primus UL437 Primus XP UL437 Primus RP UL437	20-552 20-552-XP 20-552-RP		33-154 for Classic			
					33-221 for Everest 29			

Note: For more information on modular cylinders, see page 9.

Key-in-knob/key-in-lever competitive cylinders

Corbin Russwin cylinders						
Side view	Lock series	Cylinder mechanism	Complete cylinder	Plug	Shell	Tailpiece
	CL3300	Primus Primus XP Primus RP	20-762 20-762-XP 20-762-RP	33-136 for Classic 33-119 for Everest 29	A508-655	N523-022
		Primus UL437 Primus XP UL437 Primus RP UL437	20-562 20-562-XP 20-562-RP	33-154 for Classic 33-221 for Everest 29		
	CL3400, CL3600	Primus Primus XP Primus RP	20-739 20-739-XP 20-739-RP	33-136 33-119	A508-655	A301-338
		Primus UL437 Primus XP UL437 Primus RP UL437	20-539 20-539-XP 20-539-RP	33-154 for Classic 33-221 for Everest 29		
	CK4200, UT5200 (since 1963)	Primus Primus XP Primus RP	20-727 20-727-XP 20-727-RP	33-081 for Classic 33-222 for Everest 29	A201-690	—
		Primus UL437 Primus XP UL437 Primus RP UL437	20-527 20-527-XP 20-527-RP	33-080 for Classic 33-223 for Everest 29		
Sargent cylinders						
B520-407 Washer	7L, 8L, 10 Line Levers	Primus Primus XP Primus RP	20-719 20-719-XP 20-719-RP	33-163 for Classic 33-224 for Everest 29	A201-683	C604-243
		Primus UL437 Primus XP UL437 Primus RP UL437	20-519 20-519-XP 20-519-RP	33-162 for Classic 33-225 for Everest 29		
	7, 8, 9 Line Knobs	Primus Primus XP Primus RP	20-720 20-720-XP 20-720-RP	33-163 for Classic 33-224 for Everest 29	A508-637	C303-437 Assembly with cap
		Primus UL437 Primus XP UL437 Primus RP UL437	20-520 20-520-XP 20-520-RP	33-162 for Classic 33-225 for Everest 29		
	6 Line, Except B Knob	Primus Primus XP Primus RP	20-726 20-726-XP 20-726-RP	33-163 for Classic 33-224 for Everest 29	A508-638	C604-243
		Primus UL437 Primus XP UL437 Primus RP UL437	20-526 20-526-XP 20-526-RP	33-162 for Classic 33-225 for Everest 29		
Yale cylinders						
A501-783 Blocking Disc	5300LN, 5400LN Levers	Primus Primus XP Primus RP	20-747 20-747-XP 20-747-RP	33-163 for Classic 33-224 for Everest 29	A201-683	A301-043
		Primus UL437 Primus XP UL437 Primus RP UL437	20-547 20-547-XP 20-547-RP	33-162 for Classic 33-225 for Everest 29		
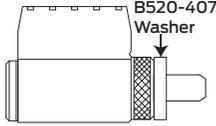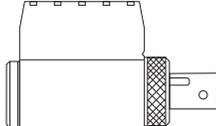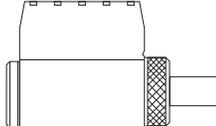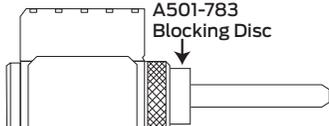
Key-in-knob/key-in-lever cylinders

Yale cylinders cont.						
Side view	**Lock series**	**Cylinder mechanism**	**Complete cylinder**	**Plug**	**Shell**	**Tailpiece**
	5300, 5400, 6200 Knobs	Primus Primus XP Primus RP	20-723 20-723-XP 20-723-RP	33-163 for Classic 33-224 for Everest 29	A201-683	B520-409
		Primus UL437 Primus XP UL437 Primus RP UL437	20-523 20-523-XP 20-523-RP	33-162 for Classic 33-225 for Everest 29		

AD-Series key-in-lever cylinders

Ad-Series chassis	Lever style	Cylinder mechanism	Complete cylinder	Plug	Shell	Tailpiece
CY	All	Primus Primus XP Primus RP	20-750 20-750-XP 20-750-RP	33-136 for Classic 33-134 for Everest 29	A201-683	C604-243
		Primus UL437 Primus XP UL437 Primus RP UL437	20-550 20-550-XP 20-550-RP	33-154 for Classic 33-221 for Everest 29		
MS, MD	All	Primus Primus XP Primus RP	20-854 20-854-XP 20-854-RP	33-136 for Classic 33-134 for Everest 29	A201-683	23538085
		Primus UL437 Primus XP UL437 Primus RP UL437	20-554 20-554-XP 20-554-RP	33-154 for Classic 33-221 for Everest 29		
993R, 993S, 993M	ATH, 8AT	Primus Primus XP Primus RP	20-750 20-750-XP 20-750-RP	33-136 for Classic 33-134 for Everest 29	A201-683	C604-243
		Primus UL437 Primus XP UL437 Primus RP UL437	20-550 20-550-XP 20-550-RP	33-154 for Classic 33-221 for Everest 29		
	Except ATH, 8AT	Primus Primus XP Primus RP	20-854 20-854-XP 20-854-RP	33-136 for Classic 33-136 for Everest 29	A201-683	23538085
		Primus UL437 Primus XP UL437 Primus RP UL437	20-554 20-554-XP 20-554-RP	33-154 for Classic 33-221 for Everest 29		

AD-Series competitor cylinder tailpieces

AD-Series chassis	Lever style	Lever cylinder type		Tailpiece
CY	All	Sargent	LD	23433626
		Sargent	JD	23433634
		Corbin Russwin	JD	23433634
		Yale	JD	23433642
MS, MD	All	Sargent	LD	23443427
		Sargent	JD	23443435
		Corbin Russwin	JD	23443435
		Yale	JD	23443443
993R, 993S, 993M	ATH, 8AT	Sargent	LD	23433626
		Sargent	JD	23433634
		Corbin Russwin	JD	23433634
		Yale	JD	23433642
	Except ATH, 8AT	Sargent	LD	23443427
		Sargent	JD	23443435
		Corbin Russwin	JD	23443435
		Yale	JD	23443443

AD-Series Schlage full size cylinder tailpiece
For all chassis types, tailpiece part number: 23446339.

Mortise cylinders

Schlage L-Series (except L9060 outside)				
Modular Cam				
For modular cylinders introduced July 2010		**Description**	**Cylinder Mechanism**	**Complete Cylinder**
1/8 3/8 5/8	1/4 1/2 3/4	Cylinder with Compression Ring & Spring: L & N Escutcheons	Primus Core	20-793
			Primus XP Core	20-793-XP
			Primus RP Core	20-793-RP
		Cylinder with Compression Ring, Spring, and 3/8" Blocking Ring: Rose Trim	Primus Core	20-787
			Primus XP Core	20-787-XP
			Primus RP Core	20-787-RP

*   Lockout cylinders utilize the traditional, non-modular cam L583-153.

Von Duprin, Monarch, and other straight cam applications				
Modular Cam				
For modular cylinders introduced July 2010		**Description**	**Cylinder Mechanism**	**Complete Cylinder**
1/8 3/8 5/8	1/4 1/2 3/4	Cylinder with Compression Ring & Spring: L & N Escutcheons	Primus Core	20-701
			Primus XP Core	20-701-XP
			Primus RP Core	20-701-RP
		Cylinder with Compression Ring, Spring, and 3/8" Blocking Ring: Rose Trim	Primus Core	20-700
			Primus XP Core	20-700-XP
			Primus RP Core	20-700-RP

*   For L9060 outside or application that may require an extended cam length, the following cam substitutions can be made in the field to modular cylinders: L583-941 (for 1-1/8", 1-3/8", 1-5/8") and L583-942 (1-1/4", 1-1/2", 1-3/4").
**   Lockout cylinders utilize the traditional, non modular cam B502-948.

Adams Rite MS, 4500, and 4700 Series, Lori 4500, Corbin Russwin DL30000				
Modular Cam				
For modular cylinders introduced July 2010		**Description**	**Cylinder Mechanism**	**Complete Cylinder**
1/8 3/8 5/8	1/4 1/2 3/4	Cylinder with 3/8" Blocking Ring	Primus Core	20-706
			Primus XP Core	20-706-XP
			Primus RP Core	20-706-RP

*   Lockout cylinders utilize the traditional, non-modular cam B502-944.

Adams Rite 4070				
Modular Cam				
For modular cylinders introduced July 2010		**Description**	**Cylinder Mechanism**	**Complete Cylinder**
1/4 1/2 3/4	1/4 1/2 3/4	Cylinder with Compression Spring	Primus Core	20-708
			Primus XP Core	20-708-XP
			Primus RP Core	20-708-RP

Mortise cylinders

Traditional (Non-Modular) Cams		
For cylinders manufactured prior to July 2010.		
Cams sold separate, not sold with complete cylinders except for lockout and concealed shell cylinders.		
Drawing	**For use on Primus cylinders in:**	**Part Number**
	Schlage L-Series (except L9060 outside)	L583-153
	Schlage L9060 Outside, Von Duprin, and other straight cam applications	B502-948
	Adams Rite MS, 4500, 4700 Series, Lori 4500, and Corbin Russwin DL3000 Series	B502-944
	Adams Rite 4070	B502-945
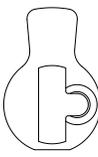
Schlage Primus mortise cylinder cams to operate other manufacturers' locks

Traditional cams		Modular cams*		Description
		Sizes 1 ⅛, 1 ⅜, 1 ⅝"	Sizes 1 ¼, 1 ½, 1 ¾"	
For cylinders prior to July 2010	B520-366	B520-730	B520-731	Corbin Russwin© DL4000 Series (Old Corbin 420 and Russwin 1503)
				Previously known as XB11-656
	B520-309	B520-732	B520-733	Corbin Russwin© ML2200 Series (Old Corbin 7000-9000 and Russwin 4000-5000)
				All functions except ML2255 and ML2242 inside
				Previously known as XB11-629
	B520-367	B520-734	B520-735	Corbin Russwin© A65 ML2200 master ring deadbolt functions manufactured before 6/10/93 and old Russwin cast iron residential Locks
				Previously known as XB11-887
	B520-329	B520-736	B520-737	Yale© 2160, Arrow© #004, Sargent© 13-0660 (All functions except 16 inside and 50 outside)
				Previously known as XB11-631

(For modular cylinders introduced July 2010)

Concealed shell mortise cylinders

Schlage L-Series (except L9060 outside)					
Cams			**Description**	**Cylinder mechanism**	**Complete cylinder**
For cylinders prior to July 2010	L583-254 Classic	L583-153 Everest 29 & Primus	Cylinder Only: L Escutcheon	Primus Controlled Access	20-789
				Primus XP Controlled Access	20-789-XP
				Primus RP Controlled Access	20-789-RP
				Primus UL437	20-589
				Primus XP UL437	20-589-XP
				Primus RP UL437	20-589-RP

Schlage L9060 outside					
Cams			**Description**	**Cylinder mechanism**	**Complete cylinder**
For cylinders prior to July 2010	B502-191 Classic	B502-948 Everest 29 & Primus	Cylinder Only: L Escutcheon	Primus Controlled Access	24-767
				Primus XP Controlled Access	24-767-XP
				Primus RP Controlled Access	24-767-RP
				Primus UL437	24-567
				Primus XP UL437	24-567-XP
				Primus RP UL437	24-567-RP
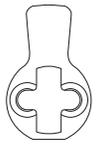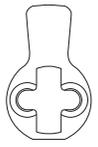
*   Modular cylinder cams may be used with Classic, Everest and Primus key sections. Use appropriate cam for cylinder housing size.

NOTE: For more information on modular cylinders, see page 9.

Traditional cams are available as parts only and cannot be ordered with complete cylinders; however, concealed shell mortise cylinders are the exception to this rule.

Mortise full size cylinders

Schlage L-Series (except L9060 outside)			
Cam	**Description**	**Cylinder mechanism**	**Complete cylinder**
L583-489	Cylinder with Compression Ring & Spring: L & N Escutcheons	Primus Core	20-798
		Primus XP Core	20-798-XP
		Primus RP Core	20-798-RP
	Cylinder with Compression Ring, Spring and ⅜" Blocking Ring: Rose Trim	Primus Core	20-776
		Primus XP Core	20-776-XP
		Primus RP Core	20-776-RP

Schlage L9060 outside			
Cam	**Description**	**Cylinder mechanism**	**Complete cylinder**
K510-680	Cylinder with Compression Ring & Spring: L & N Escutcheons	Primus Core	20-782
		Primus XP Core	20-782-XP
		Primus RP Core	20-782-RP
	Cylinder with Compression Ring, Spring and ⅜" Blocking Ring: Rose Trim	Primus Core	20-783
		Primus XP Core	20-783-XP
		Primus RP Core	20-783-RP

Von Duprin, Monarch and other straight cam applications			
Cam	**Description**	**Cylinder mechanism**	**Complete cylinder**
K510-730	Cylinder with Compression Ring & Spring	Primus Core	20-763
		Primus XP Core	20-763-XP
		Primus RP Core	20-763-RP
	Cylinder with Compression Ring, Spring and ⅜" Blocking Ring	Primus Core	20-771
		Primus XP Core	20-771-XP
		Primus RP Core	20-771-RP

Adams Rite MS, 4500, and 4700 Series, Lori 4500, Corbin Russwin DL30000			
Cam	**Description**	**Cylinder mechanism**	**Complete cylinder**
K510-711	Cylinder with Compression Ring, Spring, ³⁄₁₆" Blocking Ring, and ⅜" Blocking Ring	Primus Core	20-766
		Primus XP Core	20-766-XP
		Primus RP Core	20-766-RP

Adams Rite 4070 Series			
Cam	**Description**	**Cylinder mechanism**	**Complete cylinder**
B520-378	Cylinder with Compression Ring, Spring, ³⁄₁₆" Blocking Ring, and ⅜" Blocking Ring	Primus Core	20-722
		Primus XP Core	20-722-XP
		Primus RP Core	20-722-RP

Full size interchangeable cores
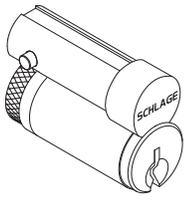
Description	Part number
Primus Core	20-740
Primus XP Core	20-740-XP
Primus RP Core	20-740-RP
Primus Core less logo	20-741
Primus XP Core less logo	20-741-XP
Primus RP Core less logo	20-741-RP

Deadbolt cylinders

B700/B800-Series					
Function	**Door thickness**	**Cylinder less deadbolt housing**	**Plug**	**Tailpiece**	**Shell**
B760 B763	1 3/8" – 2 1/2"	20-744	33-136 for Classic 33-119 for Everest 29	B610-084	A201-683
B760-XP B763-XP		20-744-XP	33-136 for Classic 33-119 for Everest 29		
B760-RP B763-RP		20-744-RP	33-136 for Classic		
B761 B764	1 3/8" – 2"	20-742	33-136 for Classic 33-119 for Everest 29	B610-082	
B761-XP B764-XP		20-742-XP	33-136 for Classic 33-119 for Everest 29		
B761-RP B764-RP		20-742-RP	33-136 for Classic		
B761 B764	>2" – 2 1/2"	20-743	33-136 for Classic 33-119 for Everest 29	B610-083	
B761-XP B764-XP		20-743-XP	33-136 for Classic 33-119 for Everest 29		
B761-RP B764-RP		20-743-RP	33-136 for Classic		
B762	1 3/8" – 2"	20-745	33-136 for Classic 33-119 for Everest 29	B610-085	
B762-XP		20-745-XP	33-136 for Classic 33-119 for Everest 29		
B762-RP		20-745-RP	33-136 for Classic		
B762	>2" – 2 1/2"	20-746	33-136 for Classic 33-119 for Everest 29	B610-086	
B762-XP		20-746-XP	33-136 for Classic 33-119 for Everest 29		
B762-RP		20-746-RP	33-136 for Classic		
B860 B863	1 3/8" – 2 1/2"	20-544	33-154 for Classic 33-221 for Everest 29	B610-084	
B860-XP B863-XP		20-544-XP	33-154 for Classic 33-221 for Everest 29		
B860-RP B863-RP		20-544-RP	33-154 for Classic		
B861 B864	1 3/8" – 2"	20-542	33-154 for Classic 33-221 for Everest 29	B610-082	
B861-XP B864-XP		20-542-XP	33-154 for Classic 33-221 for Everest 29		
B861-RP B864-RP		20-542-RP	33-154 for Classic		
B861 B864	>2" – 2 1/2"	20-543	33-154 for Classic 33-221 for Everest 29	B610-083	
B861-XP B864-XP		20-543-XP	33-154 for Classic 33-221 for Everest 29		
B861-RP B864-RP		20-543-RP	33-154 for Classic		
B862	1 3/8" – 2"	20-545	33-154 for Classic 33-221 for Everest 29	B610-085	
B862-XP		20-545-XP	33-154 for Classic 33-221 for Everest 29		
B862-RP		20-545-RP	33-154 for Classic		
B862	>2" – 2 1/2"	20-546	33-154 for Classic 33-221 for Everest 29	B610-086	
B862-XP		20-546-XP	33-154 for Classic 33-221 for Everest 29		
B862-RP		20-546-RP	33-154 for Classic		

Cabinet lock and portable security cylinders

Door   Drawer   Padlock   Modular Cylinder
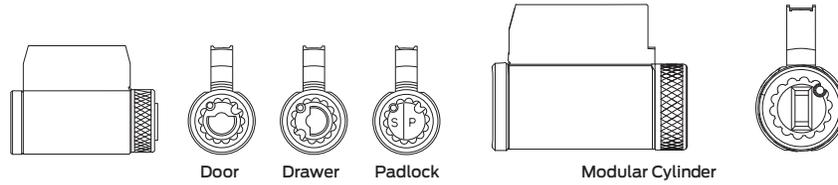
CL-Series cabinet lock cylinders

Application	Cylinder mechanism	Complete cylinder	Plug	Shell	Actuator
Door	Primus Primus XP	20-772 20-772-XP	33-136 for Classic 33-119 for Everest 29	A201-683	CL10-360
	Primus UL437 Primus XP UL437	20-572 20-572-XP	33-154 for Classic 33-221 for Everest 29		
Drawer	Primus Primus XP	20-774 20-774-XP	33-136 for Classic 33-119 for Everest 29		
	Primus UL437 Primus XP UL437	20-574 20-574-XP	33-154 for Classic 33-221 for Everest 29		

KS-Series and KC-Series portable security cylinders

Series	Cylinder mechanism	Complete cylinder	Plug	Shell	Actuator
KS Series	Primus Primus XP Primus RP	47-743 47-743-XP 47-743-RP	33-136 for Classic 33-119 for Everest 29	A201-683	KZ32DA0
	Primus UL437 Primus XP UL437 Primus RP UL437	47-542 47-542-XP 47-542-RP	33-154 for Classic 33-221 for Everest 29		
KC Series	Primus Primus XP Primus RP	47-744 47-744-XP 47-744-RP	33-136 for Classic 33-119 for Everest 29		KZ34DA0
	Primus UL437 Primus XP UL437 Primus RP UL437	47-543 47-543-XP 47-543-RP	33-154 for Classic 33-221 for Everest 29		

Rim cylinders

Vertical Tailpiece
(No. 1 Bar)
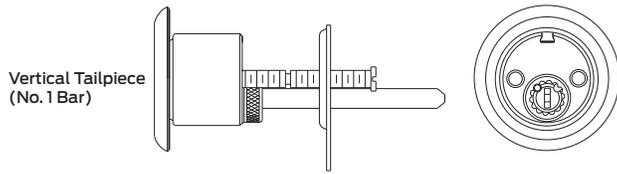
Standard (non-IC) and lockout		
Description	**Cylinder mechanism**	**Complete cylinders**
Rim cylinder, vertical tailpiece	Primus XP core Primus RP core	20-709-XP 20-709-RP
	Primus UL437 XP Primus UL437 RP	20-509-XP 20-509-RP
Rim cylinder, horizontal tailpiece	Primus XP core Primus RP core	20-710-XP 20-710-RP
	Primus UL437 XP Primus UL437 RP	20-510-XP 20-510-RP
Rim cylinder lockout, horizontal tailpiece	Primus	20-716
	Primus UL437	20-516

Horitontal Tailpiece
(No. 2 Bar)
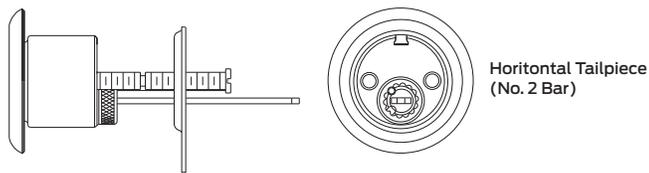
Full size IC		
Description	**Cylinder mechanism**	**Part number**
Rim Cylinder, convertible tailpiece	Primus Core	20-757
	Primus XP Core	20-757-XP
	Primus RP Core	20-757-RP
	Housing less core	20-079

Classic Primus keys

	Operating Front	Control	Operating Back
Primus XP/RP			
Legacy (Legacy emobssed keys are shown here. Unembossed Legacy keys would be blank on the front with Primus on the back.)			
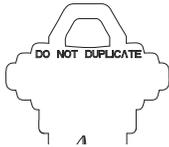
	Part number		
	Primus	Primus XP	Primus RP
Blanks			
Standard bow (embossed) - 6 Pin	35-157	35-157-XP	35-157-RP
Standard bow (embossed) - stainless steel LP section	35-171	35-171-XP	35-171-RP
Control - Standard bow (embossed)	35-158	35-158-XP	35-158-RP
Control - Standard bow (embossed) - stainless steel LP section	35-172	35-172-XP	35-172-RP
Standard bow (unembossed) - 6 Pin	35-053	See Note	-
Control - Standard bow (unembossed)	35-052	See Note	-
Lockout - Standard bow (embossed)	35-159	-	-
Large Bow - 6 Pin (embossed)	35-116	-	-
Access Bow - 6 Pin (embossed)	35-115	-	-
Cut keys (operating)			
Standard bow (embossed) - 6 Pin	48-157	48-157-XP	48-157-RP
Standard bow (embossed) - stainless steel LP section	48-171	48-171-XP	48-171-RP
Control - Standard bow (embossed)	48-158	48-158-XP	48-158-RP
Control - Standard bow (embossed) - stainless steel LP section	48-172	48-172-XP	48-172-RP
Standard bow (unembossed) - 6 Pin	48-053	See Note	-
Control - Standard bow (unembossed)	48-052	See Note	-
Lockout - Standard bow (embossed)	48-159	-	-
Large Bow - 6 Pin (embossed)	48-116	-	-
Access Bow - 6 Pin (embossed)	48-115	-	-
Master keys			
Standard bow (embossed) - 6 Pin	49-157	49-157-XP	49-157-RP
Standard bow (embossed) - stainless steel LP section	49-171	49-171-XP	49-171-RP
Control - Standard bow (embossed)	49-158	49-158-XP	49-158-RP
Control - Standard bow (embossed) - stainless steel LP section	49-172	49-172-XP	49-172-RP
Standard bow (unembossed) - 6 Pin	49-053	See Note	-
Control - Standard bow (unembossed)	49-052	See Note	-
Large Bow - 6 Pin (embossed)	49-116	-	-
Access Bow - 6 Pin (embossed)	49-115	-	-

Note: August 2021 embossed keys combine Schlage and Primus on front of key, blank on opposite side of key for field stamping

Everest Primus keys

Operating keys	Control keys	Back of all keys (except unembossed)
35-004 Standard Front — Standard Back	35-005 Standard Front — Standard Back	Facility or Dealer ID Number — E01426 — Section
35-012 Plain Both Sides	35-013 Plain Both Sides	

Standard front			Plain both sides			Back of all except		
Everest 29 Primus XP		**Everest 29 Primus**	**Everest 29 Primus XP**		**Everest 29 Primus**		**Everest 29 Primus XP**	**Everest 29 Primus**
35-199-XP Operating		35-199 Operating	35-138-XP Control		35-138 Control		35-100-XP	35-199
35-273-XP		35-273	35-215-XP Operating		35-215 Operating		35-273-XP	35-273
							35-216-XP	35-216

Key blanks

Everest 29	Everest	Description	
35-199-XP	35-004-XP	6-Pin	Standard bow, embossed one side
35-215-XP	35-012-XP		Standard bow, unembossed
35-273-XP	35-005-XP	Control	Control key, standard bow, embossed one side
35-138-XP	35-013-XP		Control key, standard bow, unembossed
35-216-XP	35-006-XP	Lockout	Lockout key, standard bow, embossed one side
35-218-XP	35-019-XP		Lockout key, standard bow, unembossed

Cut keys

Everest 29	Everest	Description	
48-199-XP	48-004-XP	6-Pin	Standard bow, embossed one side
48-215-XP	48-012-XP		Standard bow, unembossed
48-273-XP	48-005-XP	Control	Control key, standard bow, embossed one side
48-013-XP	48-020-XP		Control key, standard bow, unembossed
48-216-XP	48-006-XP	Lockout	Lockout key, standard bow, embossed one side
48-218-XP	48-019-XP		Lockout key, standard bow, unembossed

Master keys

Everest 29	Everest	Description	
49-199-XP	49-004-XP	6-Pin	Standard bow, embossed one side
49-215-XP	49-012-XP		Standard bow, unembossed
49-273-XP	49-005-XP	Control	Control key, standard bow, embossed one side
49-023-XP	49-020-XP		Control key, standard bow, unembossed

Note: To order any of the XP products, simply add the suffix "-XP" to the end of the complete cylinder number

Bulk packs

10-Piece bulk pack key-in-knob/key-in-lever cylinders			
Contents (10 each)	**Cylinder mechanism**	**Keyway type**	**Bulk pack number**
Loaded Shells, Plugs, Caps, Cap Pins, Cap Pin Springs	Primus/Primus XP/Primus RP	Classic	09-833
		Everest 29	09-764

Notes: Specify keyway and finish: 606, 622, 626, or 643. Primus key blanks must be ordered separately.

10-Piece bulk pack mortise cylinders			
Contents (10 each)	**Cylinder mechanism**	**Keyway type**	**Bulk pack number**
Loaded Shells, Plugs, Cam, Screws	Primus/Primus XP/Primus RP	Classic	09-835
		Everest 29	09-767

Notes: Specify keyway, finish: 606 or 626, and 118 or 114 length. Primus key blanks must be ordered separately.

Bulk pack mortise cylinder cam and collars			
Contents (10 each)	**Description**	**Keyway type**	**Bulk pack number**
B502-948 cam	Straight Cam	Classic Primus and Everest 29 Primus	09-761
L583-153 cam	L-Series Cam		09-762
B502-944 cams, 36-079-037 blocking rings, B220-050 set screw packs	Adams Rite Kit		09-763*
36-083, compression ring	Compression rings and springs		09-419

*   Specify finish: 605, 606, 612, 613, 625, 626

10-Piece bulk pack rim cylinders			
Contents (10 each)	**Cylinder mechanism**	**Keyway type**	**Bulk pack number**
Loaded Shells, Plugs, Caps, Cap Pins, Collars, Tailpieces, Drivers, Cap Pin Springs, Screws & Back Plate Packs	Primus/Primus XP/Primus RP	Classic	09-834
		Everest 29	09-765

10-Piece bulk pack interchangeable cores			
Contents (10 each)	**Cylinder mechanism**	**Keyway type**	**Bulk pack number**
Loaded Shells, Plugs, Caps, Cap Pins and Springs, Actuating Rings, Actuating Pins, Control Pins	Primus/Primus XP/Primus RP	Classic	09-836
		Everest 29	09-766

Note: Specify finish: 606, 626, 622, and 643.

Tailpieces

Cap Pin Location

Everest 29
& Primus

Classic
Conventional

For cylinders
prior to July 2010

Tailpiece Orientation

Levers

D   AL   ND

Vertical

Knobs

D   A   A
ORB   A73
ORB

Horizontal

Modular Cylinder Cap Pin Location

C603-524
D Knobs

C604-243
D Levers

N523-022
ND Levers

A301-337
for A, H

A700-031
A, AL, H
(for 2"-2½" doors)

A301-338
A, H
ORB Knobs

A201-934
A73 ORB Knob

B502-899
for Rim Cylinder
Use with driver
B502-310 (shown
below) for both vertical
and horizontal
applications

Multiple tailpiece key-in-knob/key-in-lever cylinders

Keyways	Contents	Part number
Primus / Primus XP / Primus RP All Keyways (Classic, Everest, and Everest 29)	(1) Pre-assembled cylinder 0-bitted, less tailpiece and keys	40-700 / 40-700-XP/ 40-700-RP Controlled Access
	(1) A301-338 tailpiece, A and H-Series Orbit	
	(1) A700-031 tailpiece, AL-Series	
	(1) C604-243 tailpiece, D-Series Levers	
	(1) N523-022 tailpiece, ND-Series Levers (gold)	40-500 / 40-500-XP/ 40-500-RP UL437 Listed
	(2) C503-115 cap pin springs	
	(2) C503-116 cap pins	

Note: Specify keyway and finish: 522, 606, 622, or 626.

Tools and sales support items

Primus® pin kit

40-070

Contains finger pins, finger pin springs, sidebars, sidebar springs and plug holder (40-066).

Pin kit

40-119

Contains all conventional pins and springs, modular follower M504-548, tweezers and M540-056 cylinder cap removal tool.

Plug holder
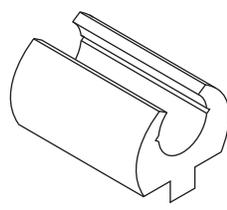
40-066

Has grooves for Primus sidebar. Included in 40-070 finger pin kit.

Key gauge
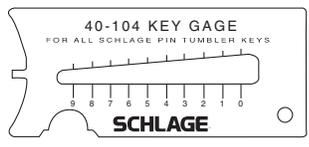
40-104

Key bitting punch
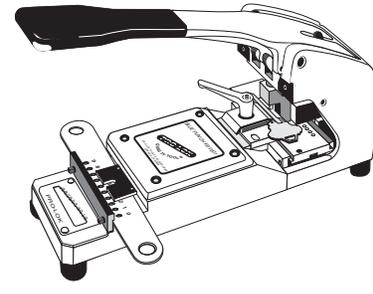
40-075

Blue punch for cutting Obverse and Everest Open C family keys.

Vise jaw upgrade kit
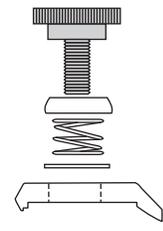
40-074

Replaces jaw on Blue punch key machines manufactured before July 1999 to add Everest C family capability to Obverse family key machines.

ID cards	
Level 1 ID Card	40-061
Level 1+ ID Card	40-065
Level 2 ID Card	40-062
Everest Primus ID	40-060*
Level 1 XP ID Card	40-061-XP
Level 1+ XP ID Card	40-065-XP
Level 2 XP ID Card	40-062-XP
Everest XP Primus ID	40-060-XP*

Forms	
Key Order Form	MS-E110
Primus Control Register	MS-E160
Signature Card	MS-E130
Face Sheet	MS-E120

Other cylinder tools	
Cap Removal Tool	M540-056
Shell Loading Tool	40-116

* Specify Level 7 or 8

Interpreting box labels

Cylinder Length (Mortise ONLY) ⅛" shown

Cylinder Part Number

Keyway

Key Part Number

Keying Details

Schlage Use Only

Accessories
(e.g. special cams)

Product: **20-700   118   C123**

Keytype: **48-004**   Qty: **2**

Keyset: AA1   Door: 123

Set: AA

Sequence: 2

Primus Seq: 1234

Acc. XB11-946   **Level: 9Z**

Order: **888888-001**

Key Quantity

Door Number

Primus Sequence
(Unique for each set
of keyways and side bitting)

Level Number

Schlage Order Number

Three parts to key control

How do you account for issued keys? How do you know who has keys to areas of your building or campus? Facilities with proper key control procedures in place know the answers to these questions.

To help facility and security personnel to know who has access to the mechanical locks in their buildings, Schlage offers a three-part solution.

1. Key issue policies

Without a sensible key control policy backed by top management, security can deteriorate quickly. The key control policy should specifically define who may authorize keys to be cut.

Issuing master and grand master keys must be done based on actual need. After all, it does little good to prevent keys from being duplicated externally if many "legitimate" copies of the top master key are issued, increasing risk of loss or theft.

Consider the following ideas which may be utilized (and modified as needed) if deemed appropriate for your facility:

- Establish suitable management levels (department head, shop foreman, etc.) to authorize keys to be cut or issued to employees. Control high level access by requiring higher level approval for master and grand master keys.
- Collect a deposit for all keys issued.
- Require employees to sign a receipt stating that his/her final paycheck will be withheld until all keys are returned. This requires coordination with the Human Resources or Accounting Department.
- Have the key holder or the department manager sign a receipt making them responsible for the cost of rekeying any areas operated by the lost or stolen key.
- Serial number all keys to track multiple copies of the same key issued to different persons. This allows the key control center to trace any key to the rightful key holder.
- Include language on a key receipt that forbids lending of keys to other employees.
- Conduct periodic spot checks to make sure employees have their issued keys.
- Do not store quantities of unused master keys. Destroy them or provide secure storage if necessary.
- Trades, contractors, and maintenance personnel should turn in their master keys at the end of their shifts and pick them up again the next day.
- Enforce adherence to policies with consequences.

Three parts to key control

2. Track issued keys with SiteMaster 200

Implementing a system to track each and every issued key is critical to provide immediate information about who has access to any given area at any given time. Schlage SiteMaster 200 helps provide this critical information.

SiteMaster 200 has fields for key holder name, key symbol (code), serial number of key, door name, number, etc. Once the data has been entered you can sort it in a variety of ways to produce reports or simply look up an individual person, key, door, etc.

To be effective, one person should be designated responsible for maintaining the database, with backup personnel designated as necessary. Too many people with access to the database can lead to a breakdown in the integrity of the information.

3. Use patented keys

Be sure Parts 1 and 2 are in place.

Install Primus or Everest Primus patented keyways and you can be reasonably sure that your keys won't be copied. It would be difficult, time consuming, and a violation of federal patent law to make an unauthorized copy of a Primus XP/RP or Everest Primus XP key. A person who makes an unauthorized Primus XP/RP or Everest Primus XP key could be subjected to legal action from Schlage.

Ordering Primus

Cylinders

Everest Primus/Everest Primus XP and Classic Primus/Primus XP/Primus RP complete cylinders have the same pricing and part numbers. As with Classic Primus Levels 3 and 4, face sheets are required for Level 9 orders.

To order:

1. Select the Primus cylinder from the cylinder Price Book pages.

2. If a specific keyway is desired, specify the Classic or Everest keyway.

3. Specify keying, finish, cylinder length, or any other fields as necessary.

Example:
How to order a zero-bitted Everest Primus XP non-UL cylinder with a 626 finish and C123 keyway for a D-Series Lever lock:

Step 1:   The Primus cylinder part number is 20-750-XP

Step 2:   The keyway desired is C123

Step 3:   The keying is zero bitted (000000) and the finish desired is 626.

Order: 20-750 626-XP C123-000000

Cylinder bulk packs

All Primus and Primus XP products are available in a Bulk Pack (see Bulk packs on page 33). No signatures or authorizations are required when ordering Bulk Pack Cylinders.

To Order:

1. Choose your Bulk Pack from the Price Book pages based on the cylinder format, finish, and keyway. Check the Express Stock listing for faster delivery.

2. For key-in-knob/lever or mortise cylinders, choose the required tailpieces or cams and collars from the existing Everest Bulk Pack tailpiece, cam and collar offering (Everest, Classic Primus, and Everest Primus all use the same tailpieces).

3. If needed, order a 40-070 Primus pin kit or Primus components.

4. Order keys as needed.

Note: Orders for Level 3, 4, and 9 keys must be accompanied by a face sheet.

Primus© face sheet

Level 3, 4, and 9 order authorization

SCHLAGE

Distributor information only:

Distributor name_____ Date_____

Account #_____ Distributor PO#_____

Primus security level:

☐ 3U (no exclusivity)	☐ 4Z (time zone exclusivity)
☐ 3G (2-digit zip exclusivity)	☐ 4N (nationwide exclusivity)
Classic keyways	

☐ 9U (no exclusivity)	☐ 9Z (time zone exclusivity)
☐ 9G (2-digit zip exclusivity)	☐ 9N (nationwide exclusivity)
Everest®/Everest 29™ keyways	

New **If new, complete project information and attach Primus' signature card (Schlage form 009160).**

_____
Project name (please print or type)

_____
Street (no P.O. Box)   City   State   Zip

Existing **If existing please indicate Primus #_____ (From Primus I.D. Card)**

Name and phone# of individual who is knowledgeable about this project, should any clarification be necessary:

_____
Name   Phone

Shipping instructions:

It is the policy of Schlage Commercial to ship Level 3, 4, and 9 products directly to the end user/owner to maximize control and security of your Primus cylinders and keys. Be sure that the shipping address provided below includes the name of the specific individual in your organization to whom Primus cylinders and keys should be shipped. Schlage will ship to alternate locations, if so instructions, with the understanding that the undersigned assumes full responsibility for the security and care of the material to be so shipped. Unless otherwise specified below, Level 3, 4, and 9 products will be shipped to the original end user/owner address on file.

Masterkeys may be whipped to a separate location if desired, at not extra charge. If all keys are to be packed and shipped separately, there is an additional charge in accordance with Schlage PKI (Pack Keys Independently) pricing as listed in Schlage's current price book.

Order shipping address:	Change key only shipping address:
Location Name	Location Name
Attention	Attention
Street (no P.O. Box)	Street (no P.O. Box)
City State Zip	City State Zip

Master key only shipping address:	All keys shipping address:
Location Name	Location Name
Attention	Attention
Street (no P.O. Box)	Street (no P.O. Box)
City State Zip	City State Zip

Signature block:

I hereby authorize the above Schlage distributor to order material for the Primus system specified above and I certify that I am the owner, or authorized agent of the owner of the Primus High Security Cylinder system specified above and I am authorized to place this order.

_____
Authorized Signature   Date

Allegion Security Technologies
Schlage
Attn.: Primus Order Processing
3899 Hancock Expressway
Security, CO 80911

The Primus face sheet must be completed and attached to your order form. An incomplete Primus face sheet will cause unnecessary delays in order processing.

Faxed copies not acceptable.

Primus® signature card

Level 3, 4, and 9 order authorization

SCHLAGE

This signature card establishes authorization to purchase additional primus high security product for the security system installed at the address below.

This original form must be mailed to Schlage Commercial Division with your order.
Faxed copies not acceptable

Primus Security Level:

Classic keyways		Everest®/Everest 29™ keyways	
☐ 3U (no exclusivity)	☐ 4Z (time zone exclusivity)	☐ 9U (no exclusivity)	☐ 9Z (time zone exclusivity)
☐ 3G (2-digit zip exclusivity)	☐ 4N (nationwide exclusivity)	☐ 9G (2-digit zip exclusivity)	☐ 9N (nationwide exclusivity)

Project information:

_____
Project name (please print or type)

_____
Street (no P.O. Box)   City   State   Zip

Authorized owner signature(s):

If restrictions are not indicated and in multiple signature cases, the first signature will be regarded as the primary authority able to control other signers on this form.

1.
Name

Position/Title

Signature   Date

Street (no P.O. Box)

City   State   Zip

Phone #

2.
Name

Position/Title

Signature   Date

Street (no P.O. Box)

City   State   Zip

Phone #

3.
Name

Position/Title

Signature   Date

Street (no P.O. Box)

City   State   Zip

Phone #

4.
Name

Position/Title

Signature   Date

Street (no P.O. Box)

City   State   Zip

Phone #

5.
Name

Position/Title

Signature   Date

Street (no P.O. Box)

City   State   Zip

Phone #

Dealer or Primus locksmith authorization (option with owner authorization/signature)

Dealer or locksmith account #   Primus #

Name/title

Address

Phone   FAX

City   State   Zip

Contact 1 (please print or type)

Contact 2 (please print or type)

Contact 1 signature

Contact 2 signature

Owner authorization/signature   Date

Effective from (Month/date/year) to (Month/date/year)

> Special note:
> In the case where the end user/owner has assigned the Dealer or Primus Locksmith signature authorization (as noted above), the Dealer or Primus Locksmith agrees to take full responsibility for validating the owner's signature as identified on the Primus signature card before ordering the material.

Special instructions:
Please indicate any restriction to authorized individuals listed on this form when purchasing additional Primus product or duplicating keys.

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

Please fill out a new Primus signature card in the event of changes, additions or deletions in Authorized signature and send with letter requesting changes to Schlage at the address below. Primus signature cards are available from authorized Schlage Primus distributors and Schlage Commercial upon request. We suggest that you make a copy of this completed form for your records. A photo copy or fax of this card will not be accepted.

Please mail the original copy to: Allegion Security Technologies - Schlage
Attn.: Primus Order Processing
3899 Hancock Expressway
Security, CO 80911

Faxed copies not acceptable

ALLEGION

ALLEGION™