

Introduction

Operating the 4S Sliding Door Lock requires you to lock and unlock it by sliding the core in and out. The core slides and is retained in the 4S lock housing by a special lug in the back of the 6C core.

The 4S Lock requires the special 6C core to operate properly. The standard 1C core has one lug — the control lug that is used to insert and remove the core to and from the lock housing. But the 6C core has two lugs: the standard control lug is modified and renamed the operating lug and an additional lug, located in the back of the core, is used to retain the core and keep it from sliding out.

Two lugs on the 6C core (See Figure 1)

- **Operating lug** — this lug is found only on the 6C core. It is operated by the operating key. This lug allows the 6C core to slide in the 4S lock housing.
- **Special control lug** — this lug is also found only on the 6C core. The lug retains the 6C core in the 4S housing and keeps it from sliding completely out of the housing.

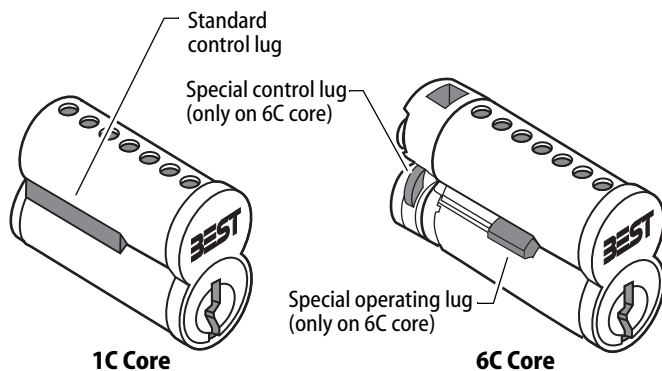


Figure 1 — Comparing the standard 1C core to the 6C core

To install a 6C core into a 4S sliding glass door lock, you need both the control and operating keys. After the core is installed, use the operating key for normal operation. You only need the control key to install and remove the core.

Installing the 6C core in a 4S lock

Follow these steps to install the 6C core in the 4S sliding glass door lock:

1 Retract both lugs and insert the core

- 1 Retract the special control lug by inserting and turning the control key counterclockwise until it stops (one full turn). See Figure 1 to identify the special control lug.

Note: If the lug is already in the retracted position, the key will not turn counterclockwise.
- 2 Remove the control key.
- 3 Retract the operating lug by inserting and turning the operating key. See Figure 1 to identify the operating lug.
- 4 Insert the core fully into the 4S lock housing.
- 5 Remove the operating key.

2 Extend the control lug to retain the core

- 1 Extend the special control lug by inserting and then turning the control key clockwise until it stops (one full turn).
- 2 Remove the control key.

3 Operate the core

The 4S lock is now ready for operation!

- To unlock, use the operating key to slide the core out.
- To relock, use the operating key to slide the core in.

Note: You may have a key released or key retained (option T) core. With option T, you can only remove the key in the locked position; with the standard key released feature, you can remove the key in the locked or unlocked position.

Combining the 6C core

6C core combining rules

To properly combine the 6C core, follow these rules. Use Figure 2 as a guide to combining the 6C core.

- 1 Use 1C core codes in 6C cores.
- 2 Combine any key needed to lock and unlock the 6C core, on the *control* shearline, including the Grandmaster and operating keys.
- 3 Combine the control cut on the operating shearline.
- 4 Combine as usual after reversing codes.

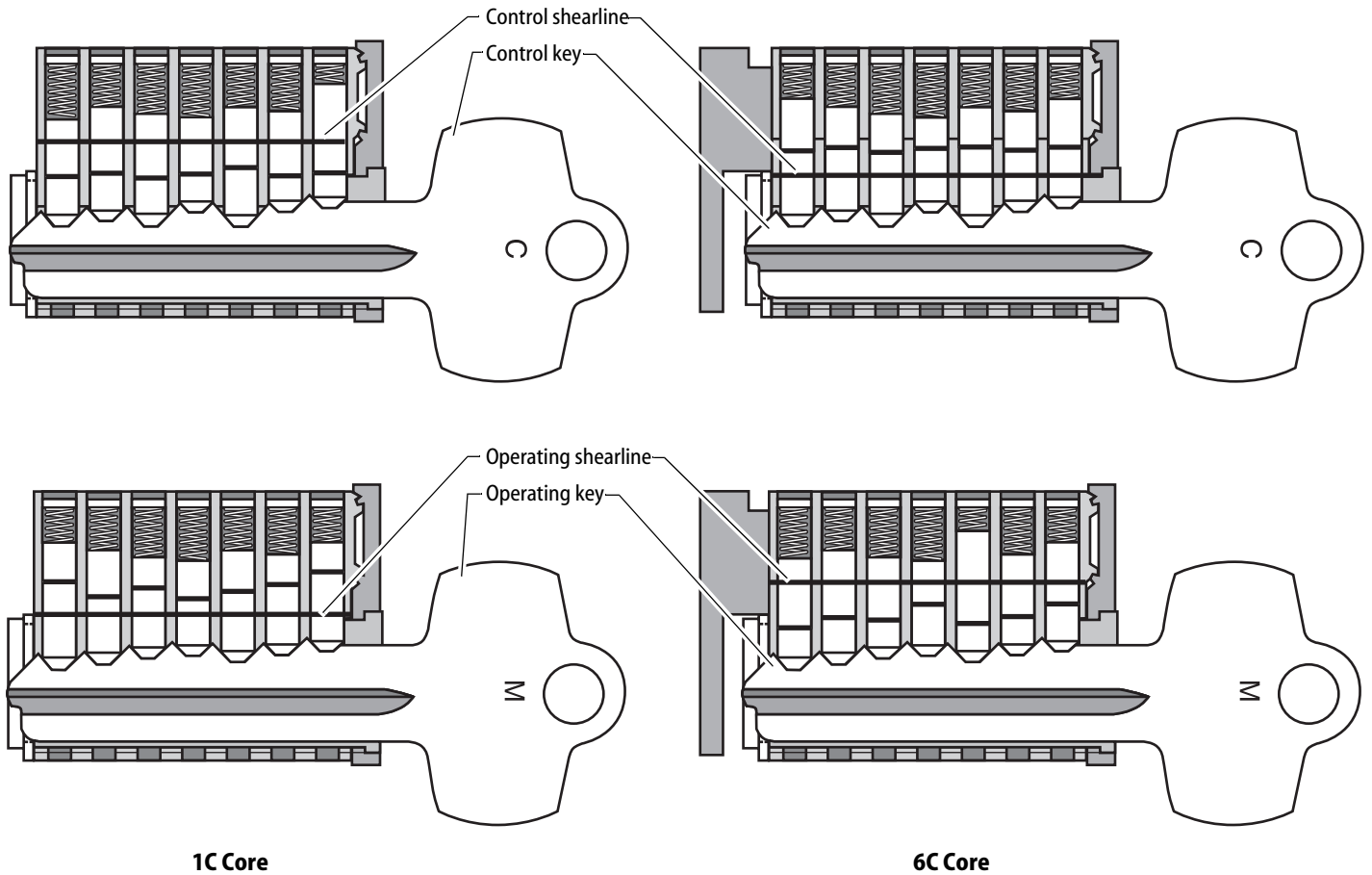


Figure 2 — Comparing the cut-away views of the standard 1C core vs the 6C core