

# Accessory (Key Lock)

## ■ Key Lock with Kirk Key(Double) (AP Option, UVL/UVM Only)

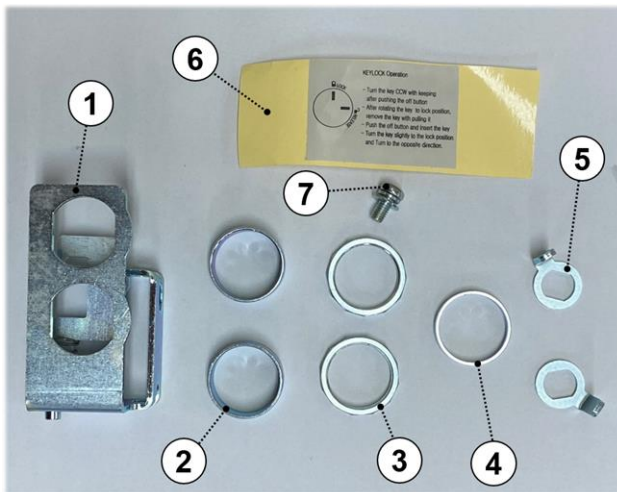
The key lock keeps the safe from unexpected accidents by closing the breaker. When the key lock is in on 'LOCK' position, it prevents the closing the circuit breaker both electrically and mechanically.

### 1. Installation

The LS provides key lock brackets and other parts only. Following the assembly instruction below.

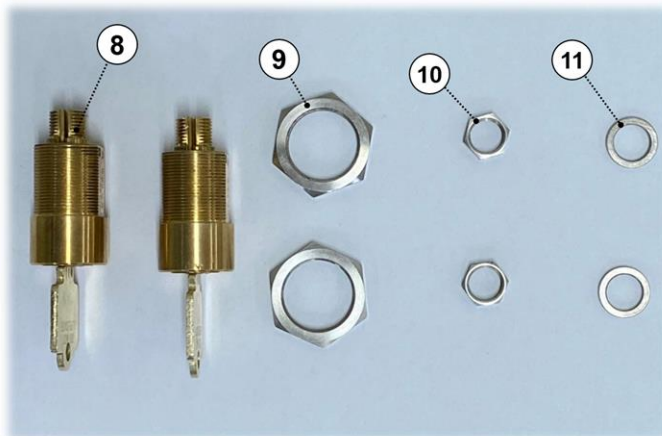
#### A. Assembling the kirk key with bracket.

a. Before starting assembly, make sure that the parts and its quantities are correct by comparing with the picture below.



- ① Bracket Ass'y (1ea)
- ② Cover (Thick, 2ea)
- ③ Nut (Slim 2ea)
- ④ Cover (Slim, 1ea)
- ⑤ Hook (2ea)
- ⑥ Sticker (1ea)
- ⑦ Screw (M4, 1ea)

<Picture 1 Parts of Single Kirk Key Frame >

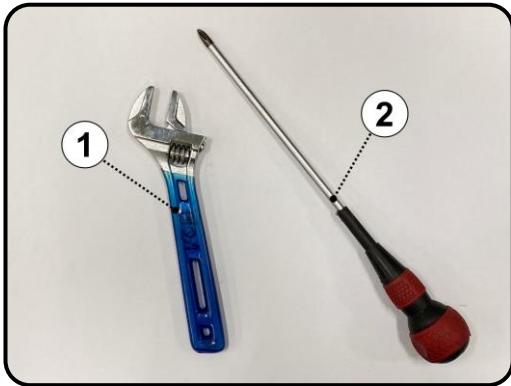


- ⑧ Kirk Key (CAMLOCK, 2ea)
- ⑨ Nut (Large, 2ea)
- ⑩ Nut (Small, 2ea)
- ⑪ Washer (2ea)

<Picture 2 Parts of Single Kirk Key >

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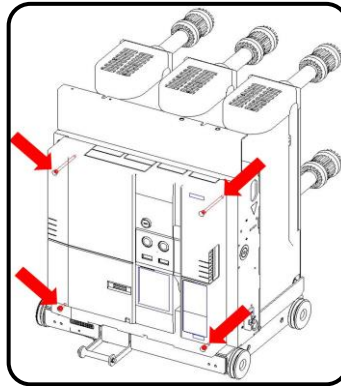


<Picture 3 Required tools>

- ① Adjustable Spanner (1ea)
- ② Screw Driver(+) (1ea)



<Picture 4>



<Picture 5>

a. Unfastening the screw bolt by using screw driver.

There are 4 screw bolts which needs to unfasten.(See Picture 4)

After unfastening, taking off the cover. (See Picture 5)

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<Picture 6>

- b. Turning the both key to 90 degree clockwise. The key and serial numbers which on key lock should be parallel. See Picture 6.



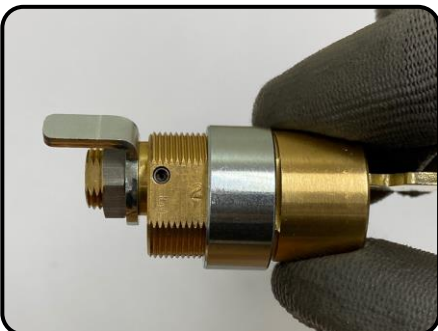
<Picture 7>

- c. Insert the cover(2) to the both key lock.



<Picture 8>

- d. Assembling the hook(5) as Picture 8. The bending part of hook should be pointed 1 o'clock direction. See Picture 8.

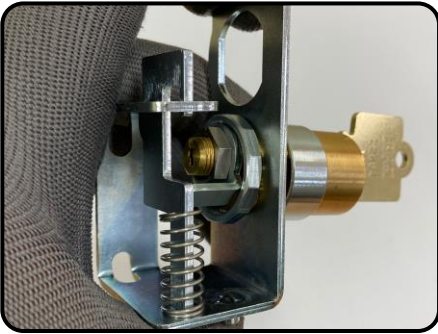


<Picture 9>

- e. Applying a little of 'Loctite' to nut(10). Fastening hook(5) by using the nut(10). Fastening the nut(10) tightly.

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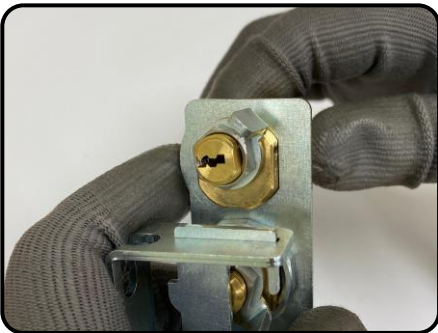
<Picture 10>

f. Insert the key lock at the bottom of the bracket(1). During that the bending part of hook(5) still points 1 o'clock. See Picture 10.



<Picture 11>

g. Applying a little of 'Loctite' to nut(3). Fastening the key lock and bracket(1) by using nut(3). If using nut(9), it will cause interruption when assembling another key lock.



<Picture 12>

h. Insert the key lock at the top of the bracket(1). During that the bending part of hook(5) still points 1 o'clock. See Picture 12.



<Picture 13>

i. Insert the cover(4) first and then fastening the key lock and bracket(1) by using nut(3). Before the fastening, applying a little of 'Loctite' to nut(3).

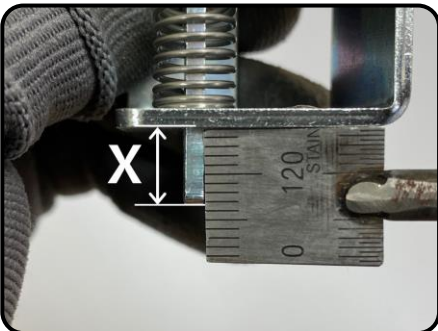
# Accessory (Key Lock)

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<Picture 12>

- h. Turning the key 90 degree counter clockwise.  
Fastening the nut(3) tightly with pressing  
the bending part of hook(5).



<Picture 13>

- i. Removing the key and checking the dimension X.  
When the key lock is 'LOCK', the dimension X is  
7~9.5mm. When the key lock is 'UNLOCK',  
the dimension X is less than 1mm.

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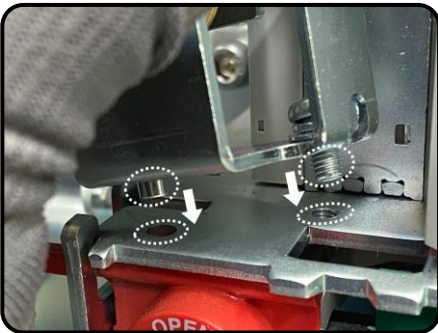
## ■ Key Lock with Kirk Key(Single) (AP Option)

### B. Assembling the key lock with the circuit breaker (UVL/UVM Type)



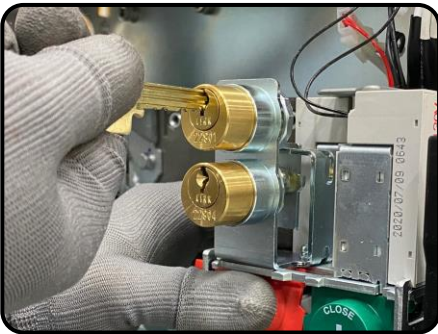
<Picture 14>

- a. Insert screw bolt(4) to gap which on the key lock bracket.



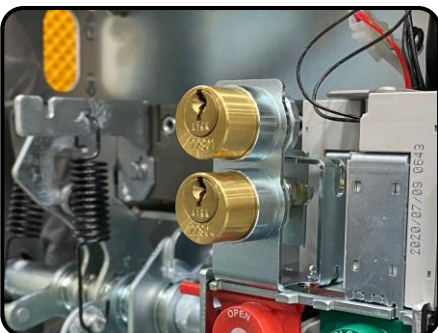
<Picture 15>

- b. Insert the round tip on key lock to hole which on the top cover of the mechanism. Fastening the screw bolt loosely. The key lock should be 'UNLOCK' status.



<Picture 16>

- c. Keep pushing the 'OPEN' button, then turning the key 90 degree counter clockwise for making 'LOCK' status. After that removing the key.



<Picture 17>

- d. Fastening the screw bolt perfectly.

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## ■ Key Lock with Kirk Key Double) (AP Option)

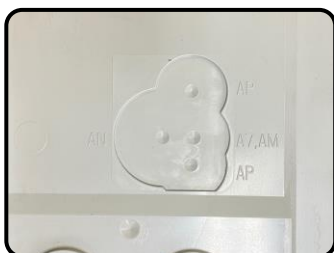
### C. Hole Cutting (UVL/UVM Type)



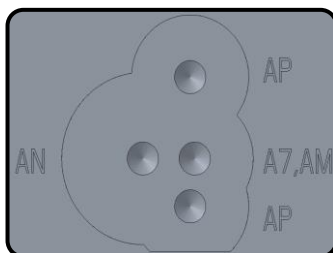
<Picture 18>

a. Prepare the Tools

- ① Impact Driver (1ea)
- ② Hole Saw(Ø26mm) (1ea)

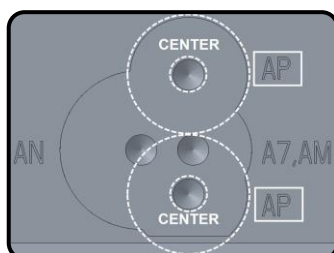


<Picture 19.a>

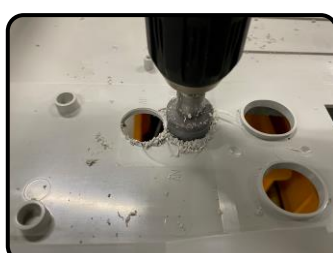


<Picture 19.b>

b. There are several marks on the rear side of front cover. These marks are indicates the center of the key lock hole.



<Picture 20.a>



<Picture 20.b>

c. For drilling a key lock hole, use Ø26mm hole saw. For single key lock, drilling 'AP' position. See picture 20.



<Picture 21.a>



<Picture 21.b>

d. Filing the burr on key lock hole. Attaching the sticker on the front cover.



<Picture 22>

e. Removing the key and put on the front cover.