

# Accessory (Key Lock)

## ■ Key Lock with Kirk Key(Single) (AM Option, VH/UVH)

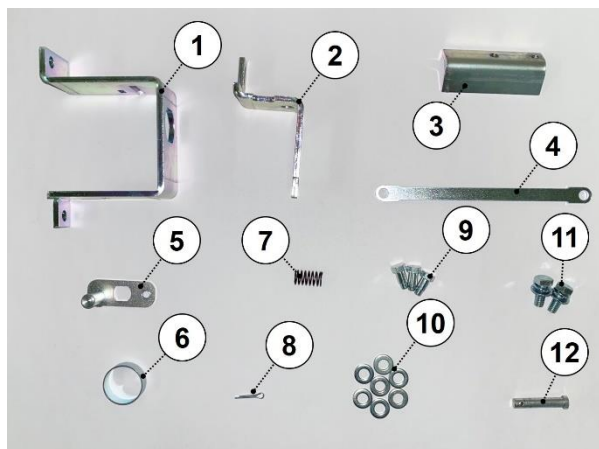
The key lock keeps the safe from unexpected accidents by closing the breaker. When the key lock is in on 'LOCK' position, it prevents the closing of the circuit breaker both electrically and mechanically.

### 1. Installation

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

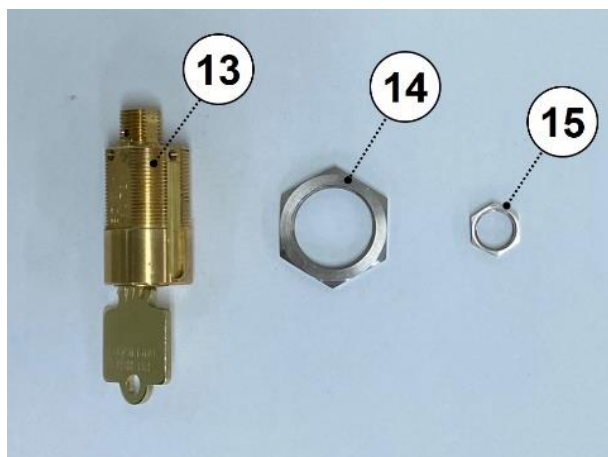
#### A. Assembling the kirk key with bracket. (VH/UVH Type)

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



- ① Bracket (1ea)
- ② Strike plate (1ea)
- ③ Guide plate (1ea)
- ④ Link (1ea)
- ⑤ Locking plate (1ea)
- ⑥ Bush (1ea)
- ⑦ Spring (1ea)
- ⑧ Split pin(1ea D2)
- ⑨ Pin Bolt (3ea M5)
- ⑩ Washer (7ea D6)
- ⑪ Bolt (2ea M6 Hex)
- ⑫ Pin (1ea)

<Picture 1 Parts of Single Kirk Key Frame >

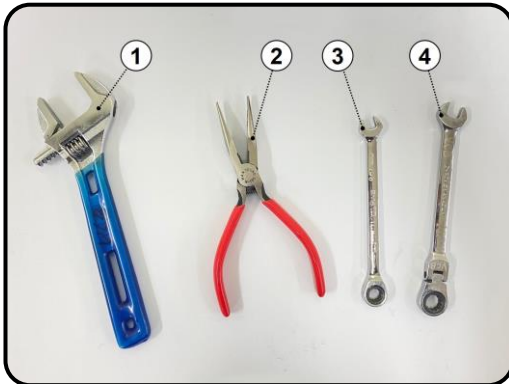


- ⑬ Kirk Key (CAM LOCK, 1ea)
- ⑭ Nut (Large, 1ea)
- ⑮ Nut (Small, 1ea)

<Picture 2 Parts of Single Kirk Key >

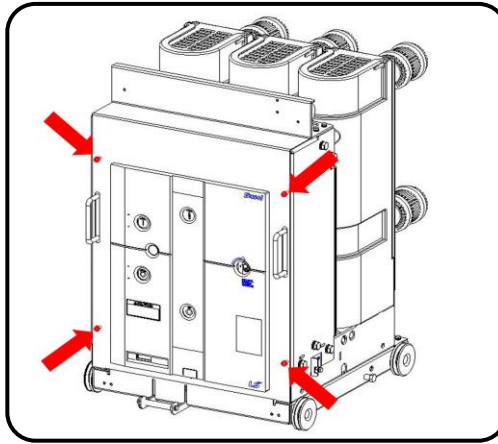
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<Picture 3 Required tools>

- ① Adjustable Spanner (1ea)
- ② Needle nose plier (1ea)
- ③ Spanner M5(8mm) (1ea)
- ④ Spanner M6(10mm) (1ea)



<Picture 4>



<Picture 5>

- a. Unfastening the M6 hex bolt by using 10mm spanner(4).  
There are 4 bolts which needs to unfasten.(See Picture 4)  
After unfastening, taking off the cover. (See Picture 5)

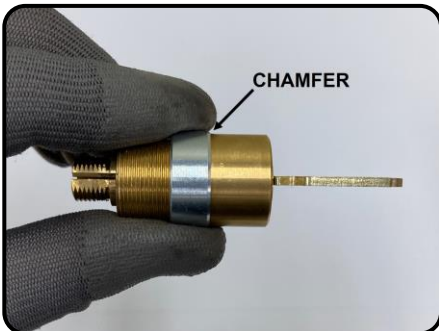
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<Picture 6>

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



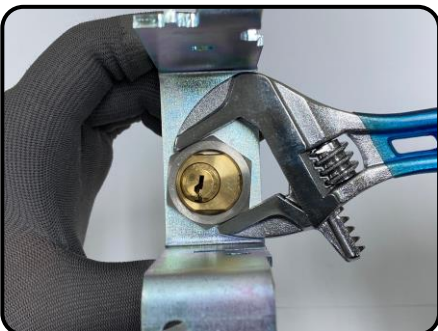
<Picture 7>

c. Inserting the bush(6) to key lock. Attention to the chamfer direction, when inserting the bush(6). See Picture 7.



<Picture 8>

d. Assembling the frame(1) as Picture 8. Serial numbers are in right side of kirk key.

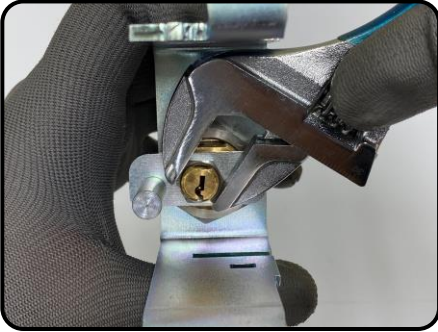


<Picture 9>

e. Fastening the kirk key(13) by using the nut(8).

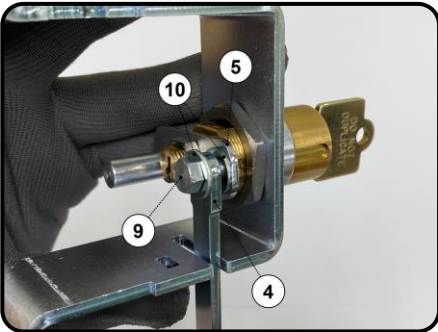
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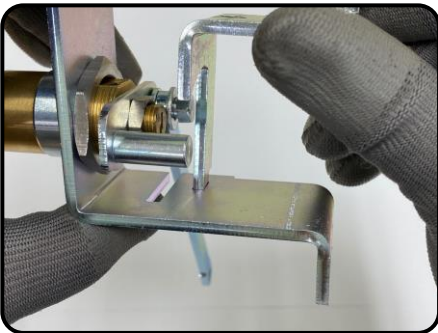
<Picture 10>

- f. Inserting the locking plate(5) to kirk key(13).  
The pin which on locking plate should be left side of plate. And fastening with small nut(15).



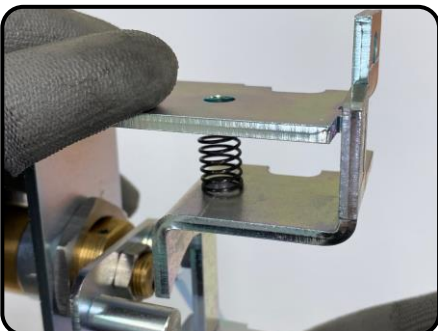
<Picture 11>

- g. Assembling the link(4) and locking plate(5) with pin bolt(9). Plain washer(10) should be added.  
See Picture 11.



<Picture 12>

- h. Inserting the strike plate(2) to square hole on frame(1).

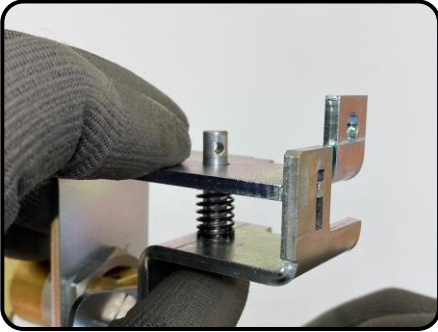


<Picture 13>

- i. Inserting the tip which on frame(2) to strike plate(2).  
Add the spring(7) between the strike plate(2) and frame(1).

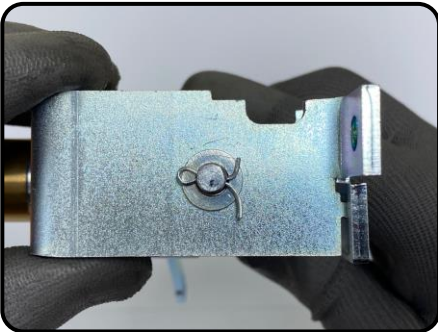
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<Picture 14>

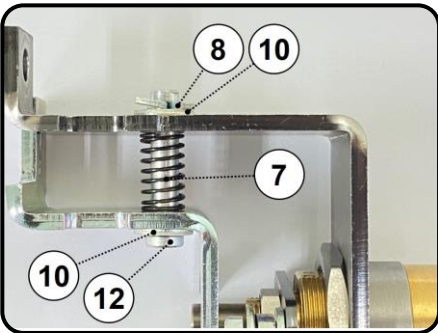
j. Inserting the pin(12) through the spring with plain washer(10). See picture 14 and 16.



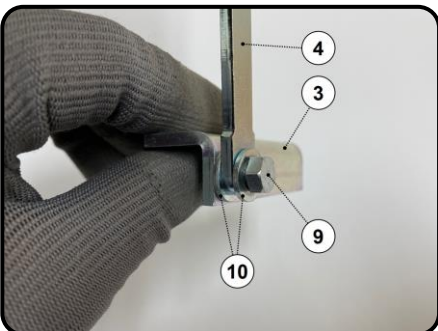
<Picture 15>

k. Inserting the split pin(8) to the hole on the pin(12) with plain washer(10).

And split the pin by using needle nose plier.



<Picture 16>



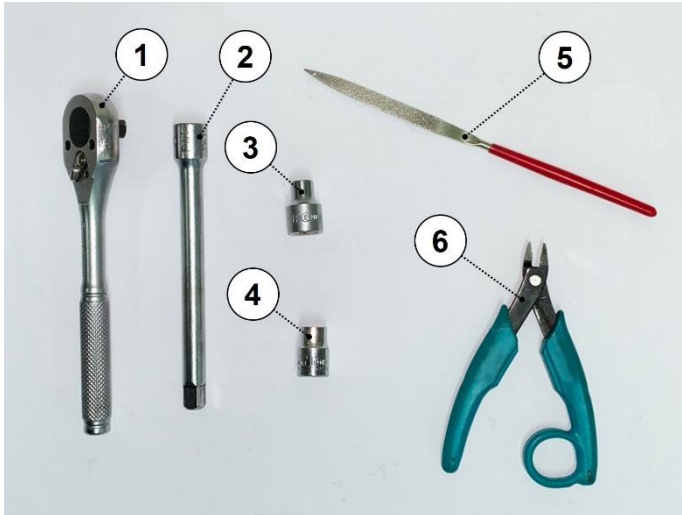
<Picture 17>

l. Assembling the guide plate(3) to the link(4) by using pin bolt(9) with washer(10).

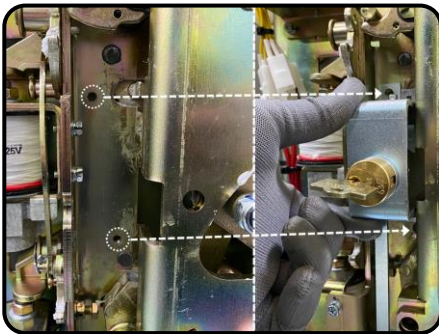
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### B. Assembling the key lock with the circuit breaker (VH/UVH Type)

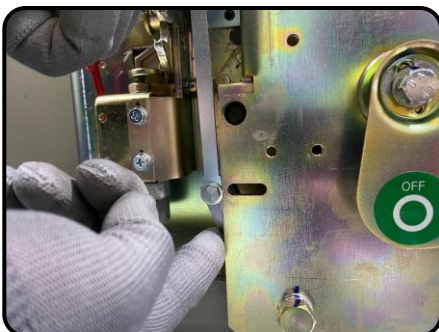


- ① Ratchet (1ea)
- ② Extension Bar (150mm) (1ea)
- ③ Hex Socket 8mm (1ea)
- ④ Hex Socket 10mm (1ea)
- ⑤ File (1ea)
- ⑥ Nipper (1ea)



<Picture 1>

- a. Putting the key lock device on the mechanism.  
Fitting the key lock device hole and assembly hole on mechanism.

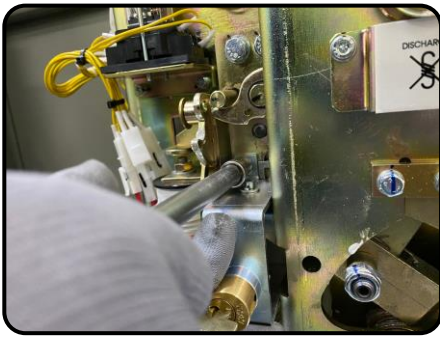


<Picture 2>

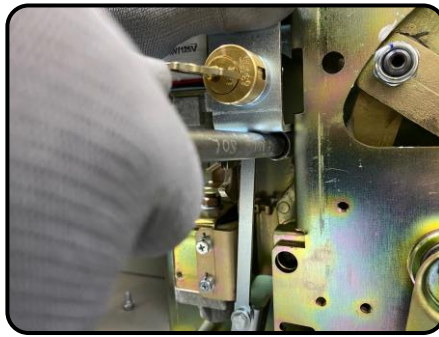
- b. Putting the guide plate(3) behind the mechanism front plate. See picture 2.

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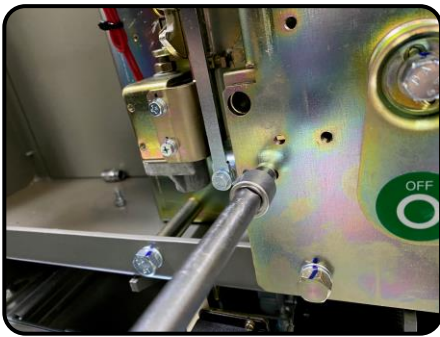


<Picture 3>



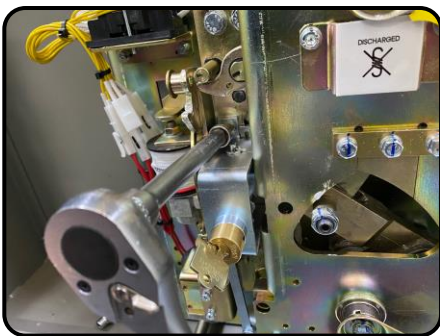
<Picture 4>

- c. Fastening the key lock device by using M6 Hex bolt loosely.  
M6 Socket bolt can be substituted.



<Picture 5>

- d. Fastening the guide plate(3) by using pin bolt(9) with washer(10) loosely.



<Picture 6>



<Picture 7>

- e. Fastening the all bolts tightly.  
After fastening the bolts, the key lock device should fit on the mechanism  
(See picture 7).

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<Picture 9>



<Picture 10>

f. Finding the key lock hole cover. See picture 9, 10.



<Picture 11>

g. Removing the key lock hole cover by using nipper.



<Picture 12>

h. Filing the burr on key lock hole.



<Picture 13>

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