

1 . Scope of application

This technical specification sheet applies to the installing on main frame of receptacle and installation procedures of plug unit and cover.

2 . Applicable products

<Part No.>

Receptacle

- PS3C-A-1US      CL236-1062-0
- PS3C-B-1US      CL236-1063-2

Plug units

- PS3C-A-1UP      CL236-1064-5
- PS3C-B-1UP      CL236-1065-8

Cover (Included with the tapping screw)




- PS3C-1UP-CVL   CL236-1066-0

Tapping screw (Optional product)

- PS3C-1UP-TS      CL236-1068-6

3 . Operatinal procedure manuals

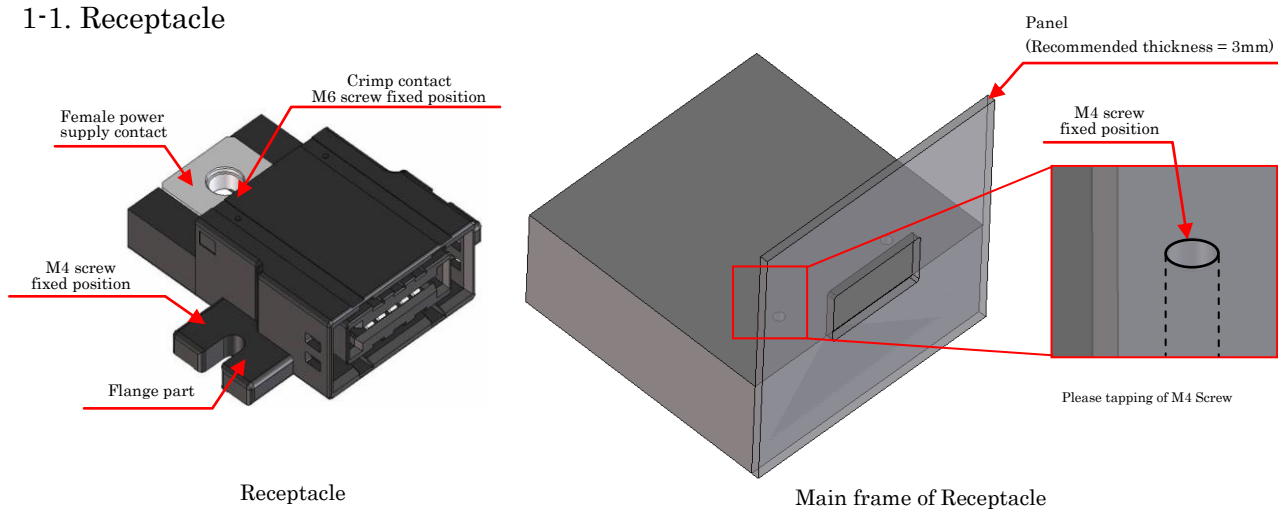
Refer to the following pages.

	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
					
TITLE  Installation procedures of PS3C on main frame			 HIROSE ELECTRIC CO., LTD.		
			APPROVED	NM. NISHIMATSU	16. 03. 15
			CHECKED	NM. NISHIMATSU	16. 03. 15
			DESIGNED	P. EKSOURIYA	16. 03. 14
			WRITTEN	P. EKSOURIYA	16. 03. 14
TECHNICAL SPECIFICATION			ETAD-E3140-00		 1 / 7

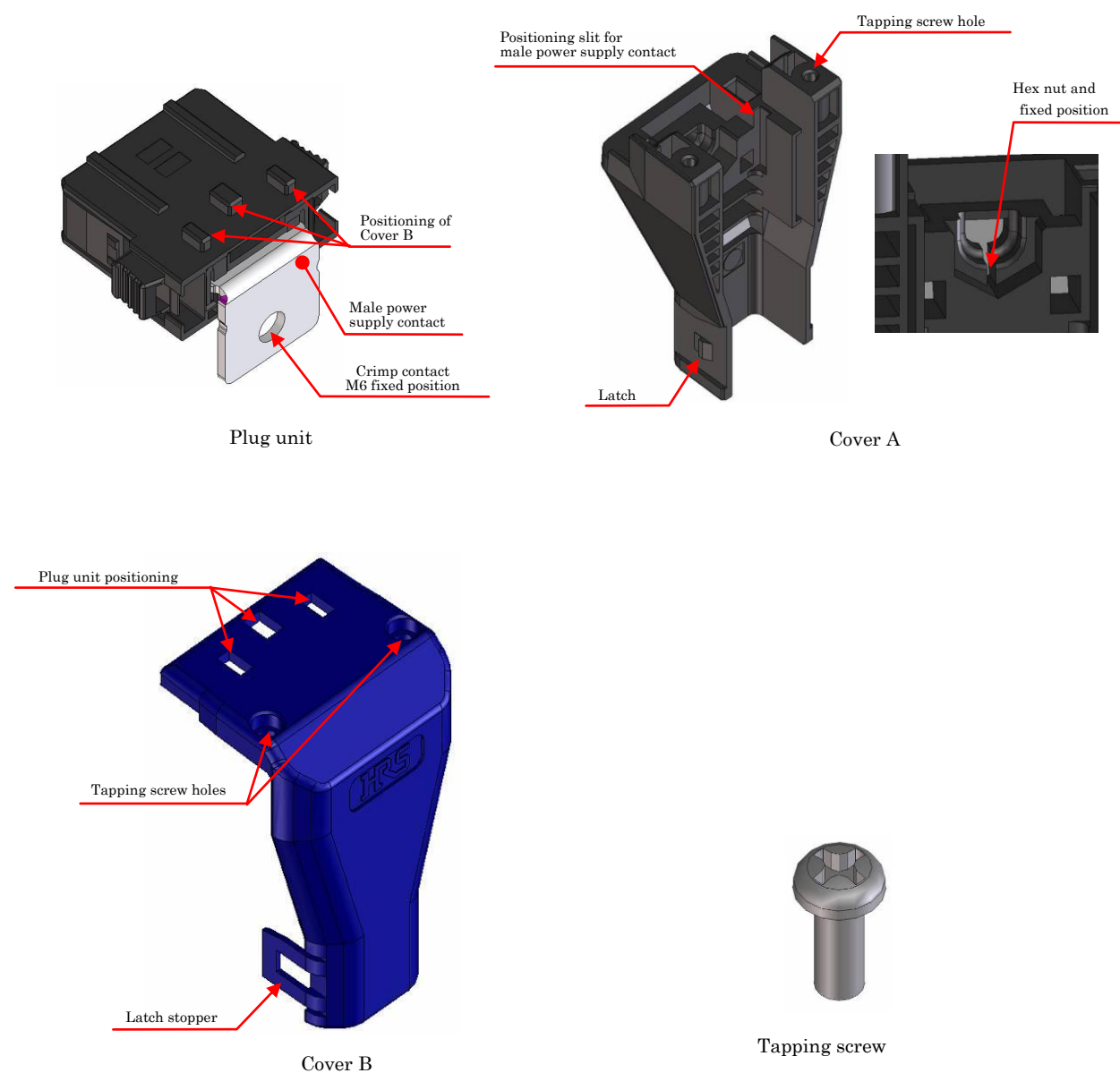
# 【Operational procedure manuals】

## 1. Parts name

### 1-1. Receptacle



### 1-2. Plug

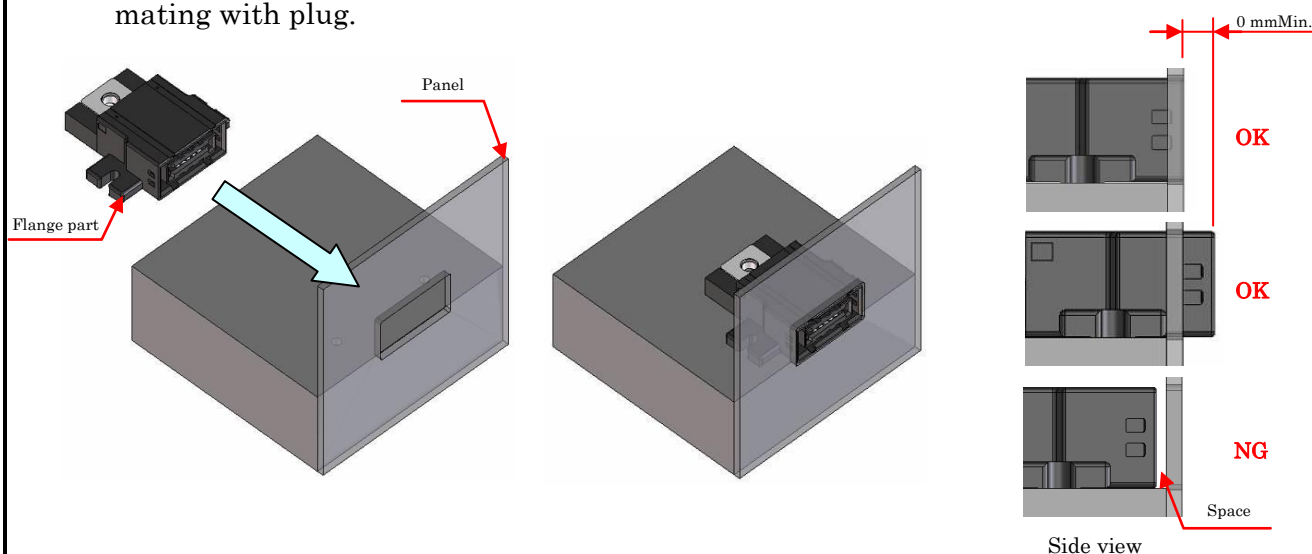


## 2. Installation procedures for receptacle

### 2-1. Setting receptacle to the panel

The receptacle should be protruded from the panel. The amount of protrude is 0mm Min.  
(See the recommended panel dimensions in specifications)

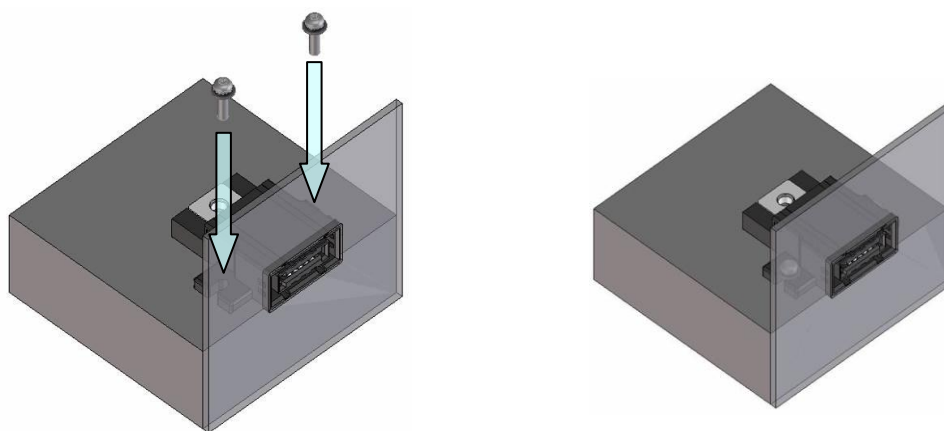
Note: If the receptacle does not protrude from the panel, the receptacle can not firmly mating with plug.



### 2-2. Installing receptacle to set

Insert M4 screws into fixed points and tighten the screws as shown below.

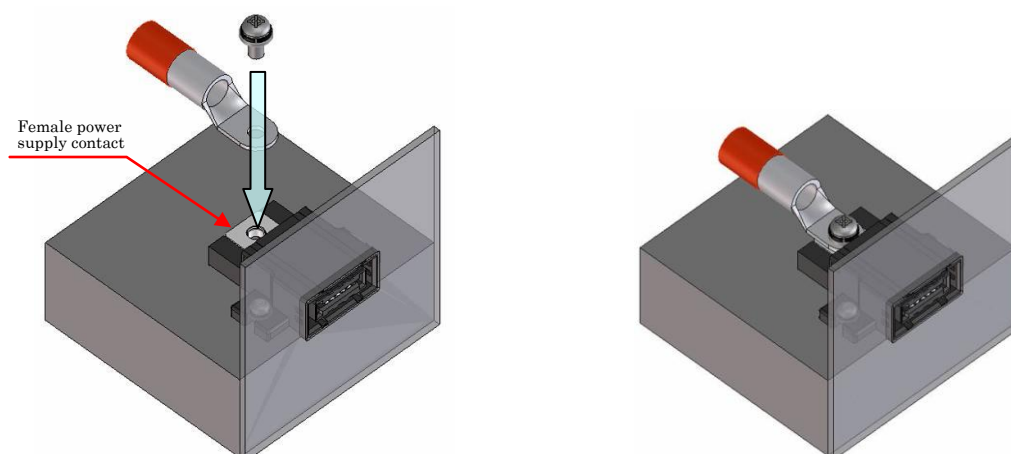
- Recommended tightening torque: 1.2 to 2.1 N · m



### 2-3. Installing crimp contact

Fix the crimp contact(with cable) to female power supply contact by M6.  
(See the recommended cable and crimp contact in specifications)

- Recommended screw: JIS B 1188 Spring washer + cross recessed pan head screws with captive polished circular washer M6×12
- Recommended tightening torque: 2.5 to 5.2 N · m



### 3. Installation procedures for plug

#### 3-1. Installing crimp contact

Installing of male power supply contact and crimp contact (with cable) can be use with recommended method 1 or method 2 as shown below.

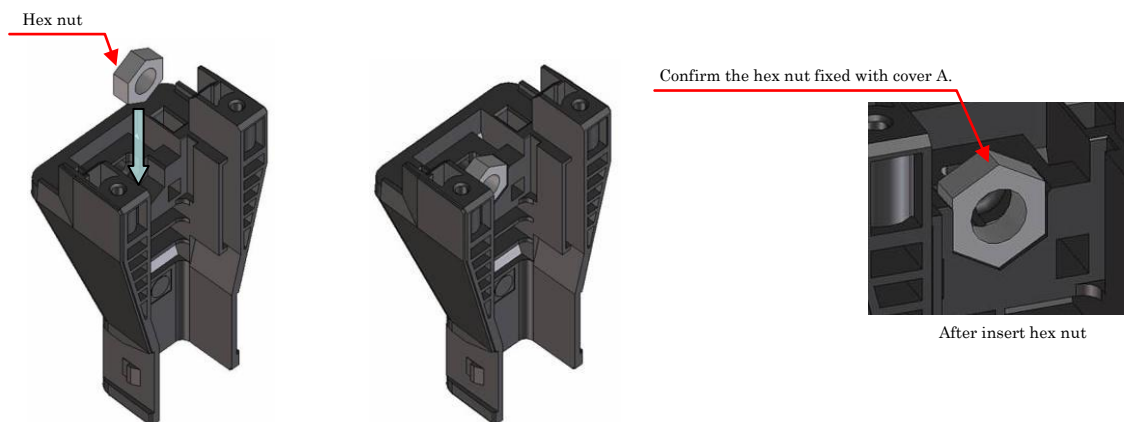
#### 3-2. Recommended method 1

- Recommended screw: JIS B 1188 Spring washer + cross recessed pan head screws with captive polished circular washer M6×12
- Recommended nut: JIS B 1181 M6 Style 1
- Recommended tightening torque: 3.9 to 7.2 N · m

##### 3-2-1. Installing hex nut

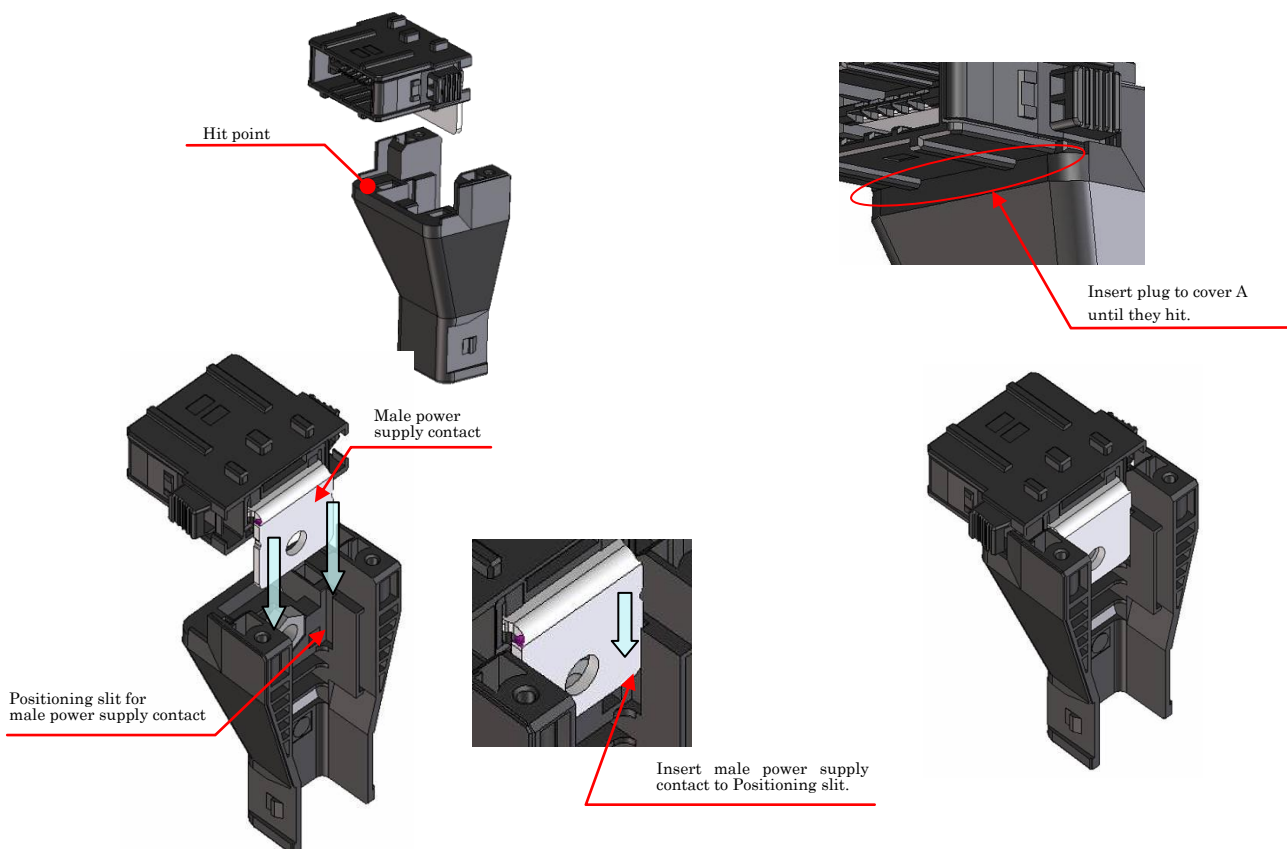
Insert hex nut into cover A as shown below.

Note: Please confirm the hex nut fixed with cover A.

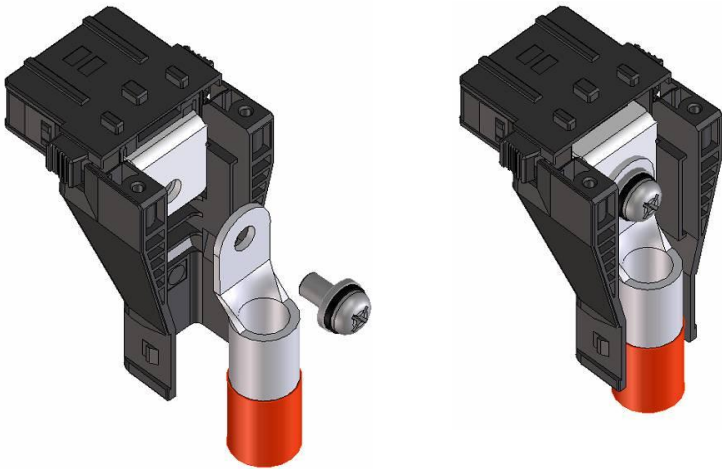


##### 3-2-2. Installing plug unit

Insert plug into cover A until they hit as shown below.



3-2-3. Installing crimp contact  
Fix the crimp contact(with cable) to female power supply contact  
with M6 as shown below.

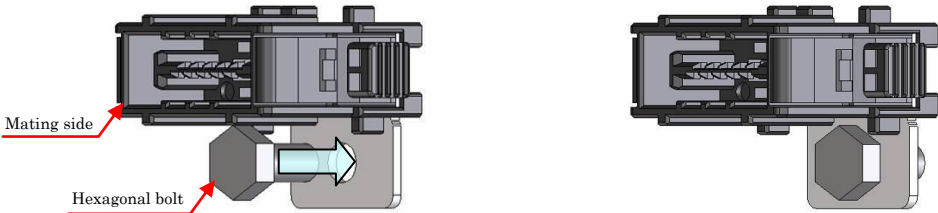


- 3-3. Recommended method 2
- Recommended bolt: JIS B 1180 Hexagon head screw M6×14 product grades A, B
  - Recommended locknut : HLN-R M6 (Hardlock industry Co., Ltd.)
  - Recommended tightening torque(※): as shown below.

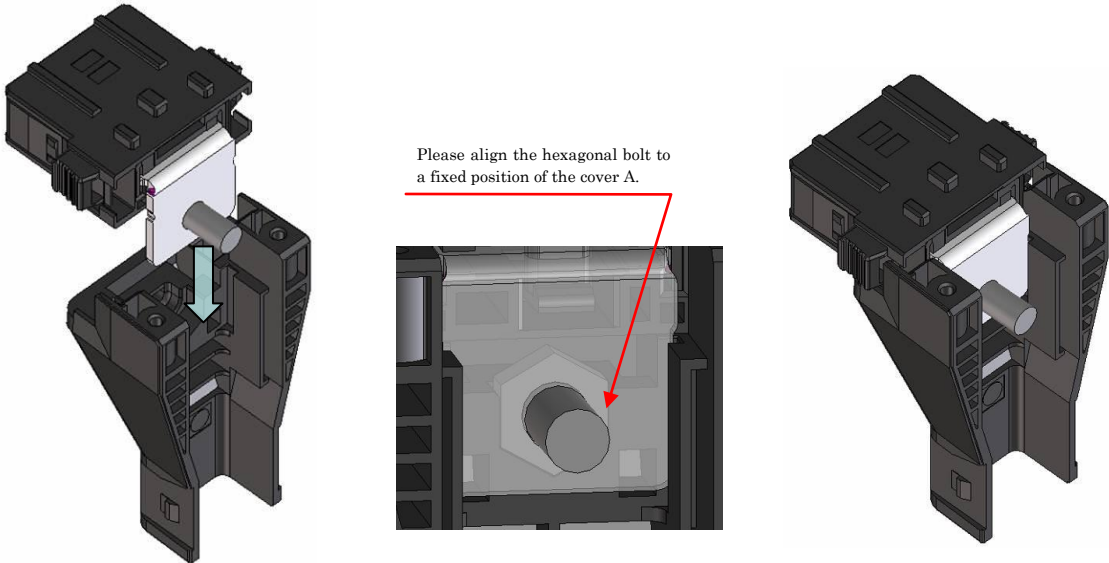
	Convex nut recommend tightening torque			Concave nut recommend tightening torque
	Convex nut material : Class4	Convex nut material: A2		
	Bolt:4.8(Strength class)	Bolt:A2-50(Strength class)	Bolt:A2-70(Strength class)	
M6	4.1 N・m	2.7 N・m	5.7 N・m	4 to 5 N・m

※ : See Hardlock industry Co., Ltd. catalog (2013.8/6,000) .

3-3-1. Installing bolt  
Insert the hexagonal bolt into male power supply terminal hole from mating side.

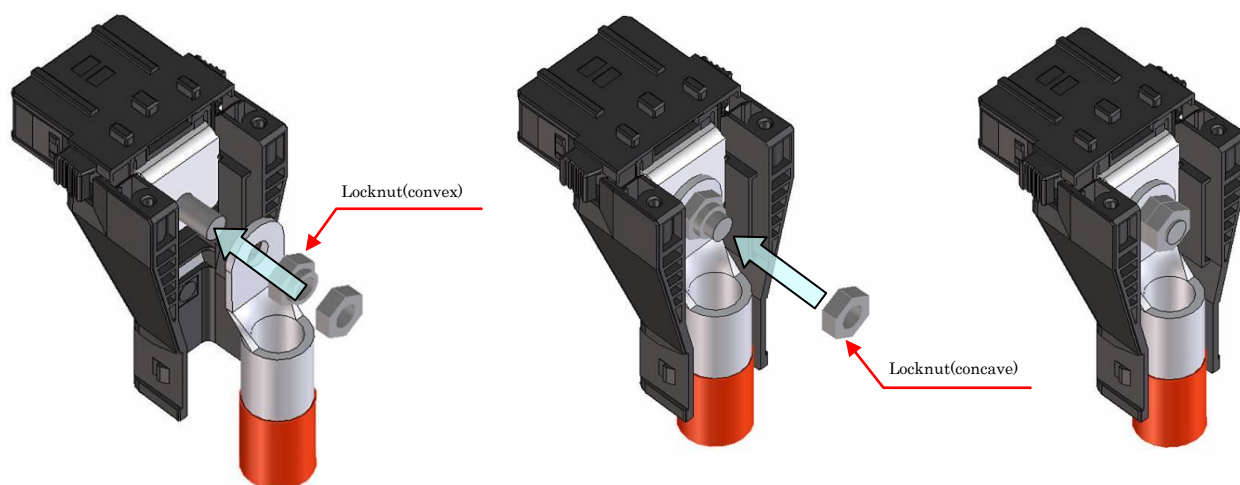


3-3-2. Installing plug  
Put the hexagonal bolt and plug into the cover A as shown below.



### 3-3-3. Installing crimp contact

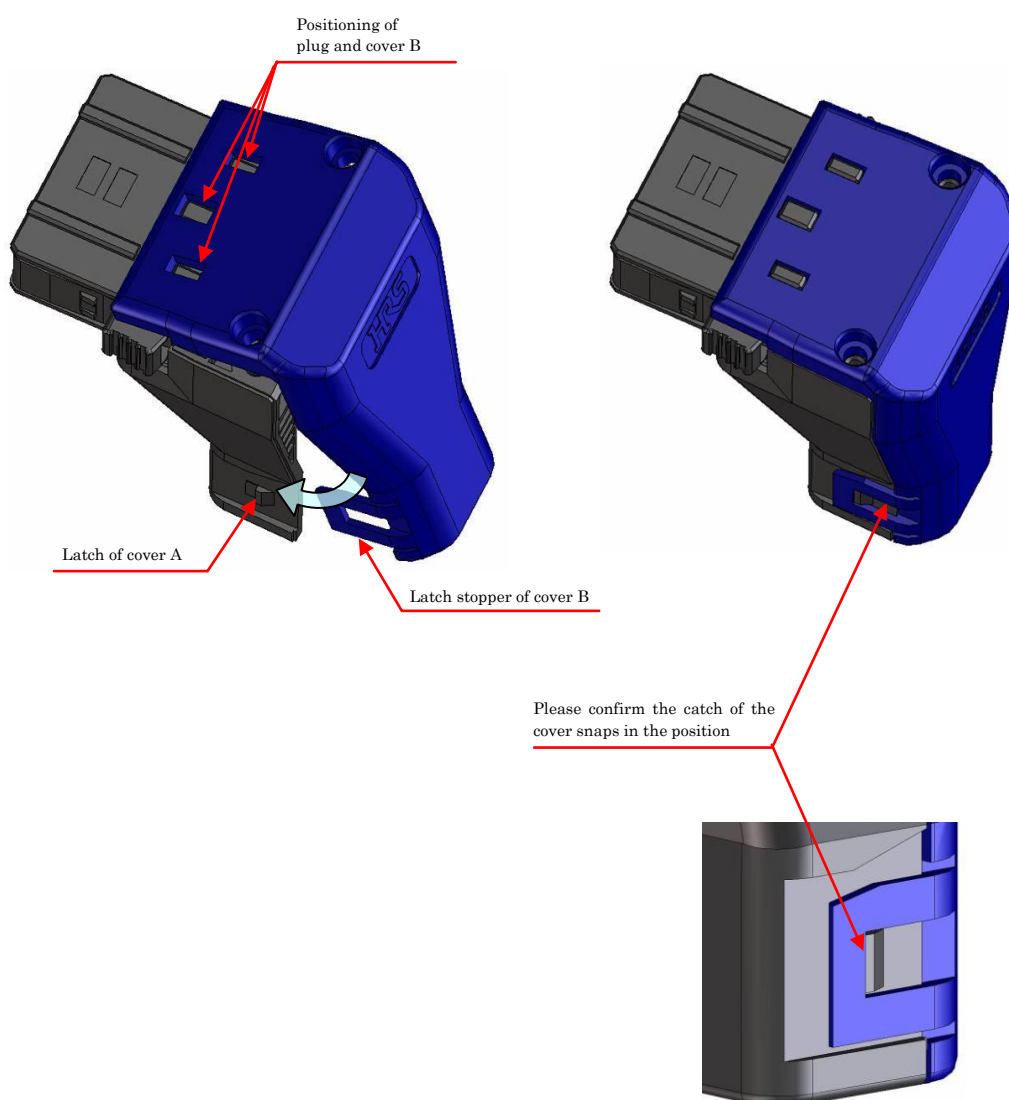
Insert crimp contact (with cable) into hexagonal bolt and secure it with locknut.



### 3-4. Installing cover B

Positioning of Plug and cover B has 3 points as shown below.

Note: Please confirm the cover A is locked with cover B.



### 3-5. Installing trapping screw

Tighten the cover A to cover B with trapping screw as shown below.

- Recommended Trapping screw: JIS B 1122(1976) Pan head trapping screw 3×8 Style 2
- Recommended tightening torque: 0.53 to 0.66 N · m

