

400A & 600A Series A Panel Board Switches

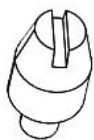
Installation Instructions

	⚠ Danger	⚠ Peligro	⚠ Danger
	Hazardous Voltage. Will cause death or serious injury. Turn off and lock out all power supplying this equipment before working on this device. Replace all covers before power supplying this device is turned on.	Tensión peligrosa. Puede causar la muerte o lesiones graves. Desenergice totalmente el equipo antes de instalar o darle servicio. Reemplace todas las barreras y cubierta antes de energizar el interruptor.	Tension dangereuse. Danger de mort ou risque de blessures graves. Mettre hors tension et cadenasser l'alimentation avant d'intervenir sur cet appareil. Remettre tous les couvercles en place avant de remettre cet appareil sous tension.

Use only with Siemens certified components.

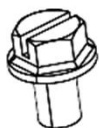
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**Panel Board Enclosure
Alignment Pin**

1/4-20 (2)



**Panel Board Enclosure
Mounting Screw**

1/4-20x 3/8" (4)

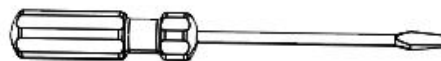
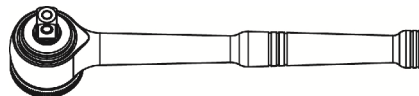
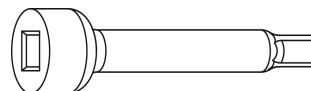
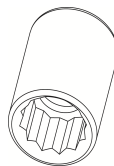


**Copper Strap
Mounting Screw**

1/4-20x 7/8" (6)

Recommended tools:

1/4" Ratchet
3/8" Socket (Magnetic)
5/16" Socket (Magnetic)
6" & 10" Extension bar,
Torque wrench
Combination Square
Marker
Large flat blade screwdriver



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Prepare the panelboard switch for installation.

1. Open Cover, loosen four load base mounting screws as shown in Figs. 1 & 1a.

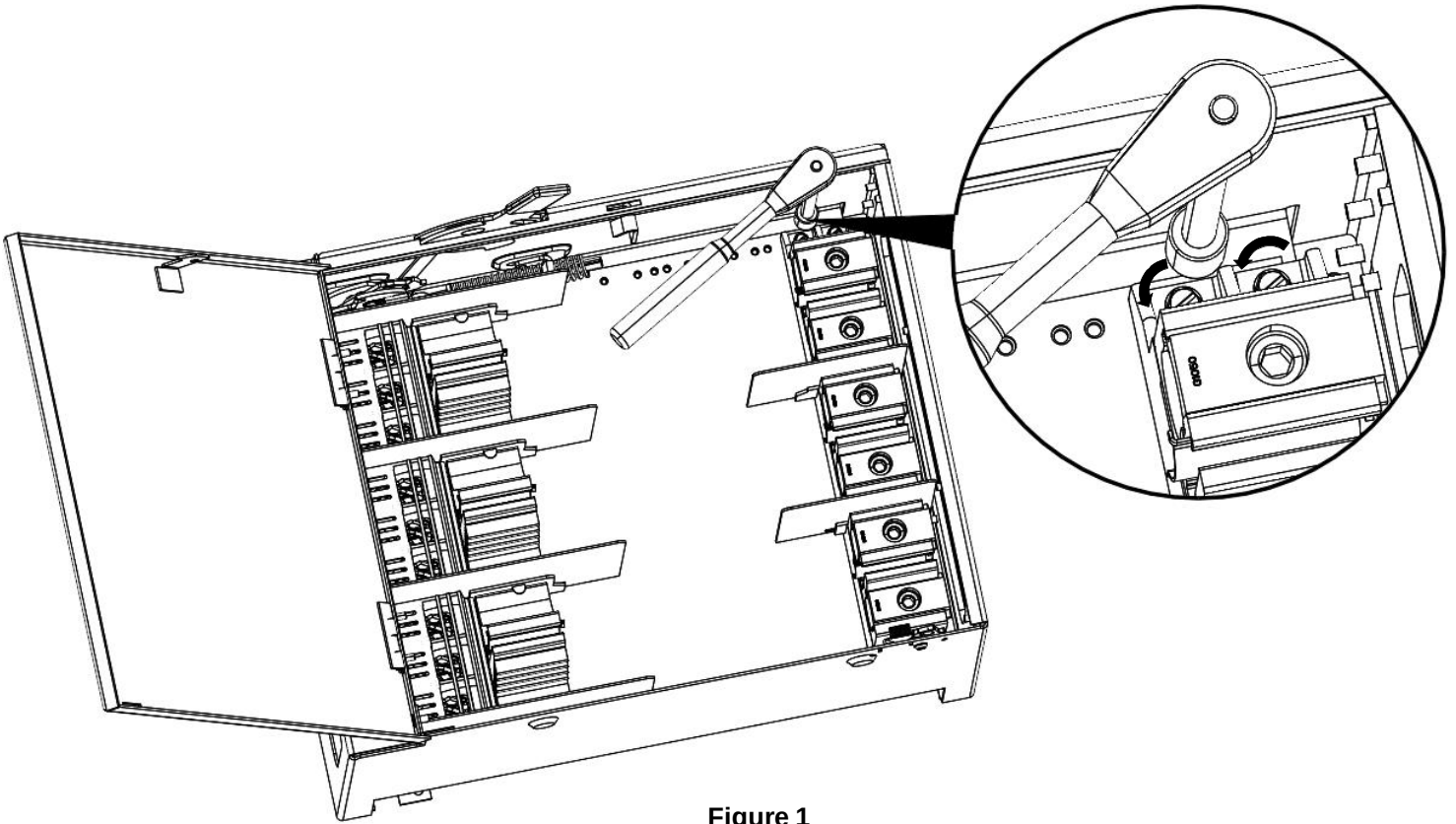


Figure 1

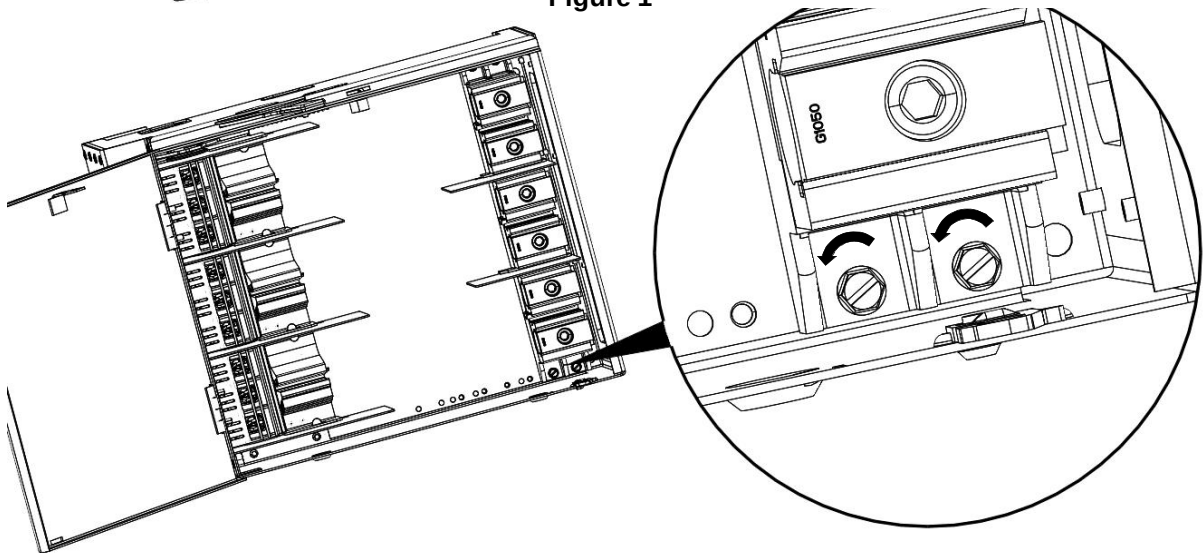


Figure 1a



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2. Remove load base and screws and set aside as shown in Fig. 2.

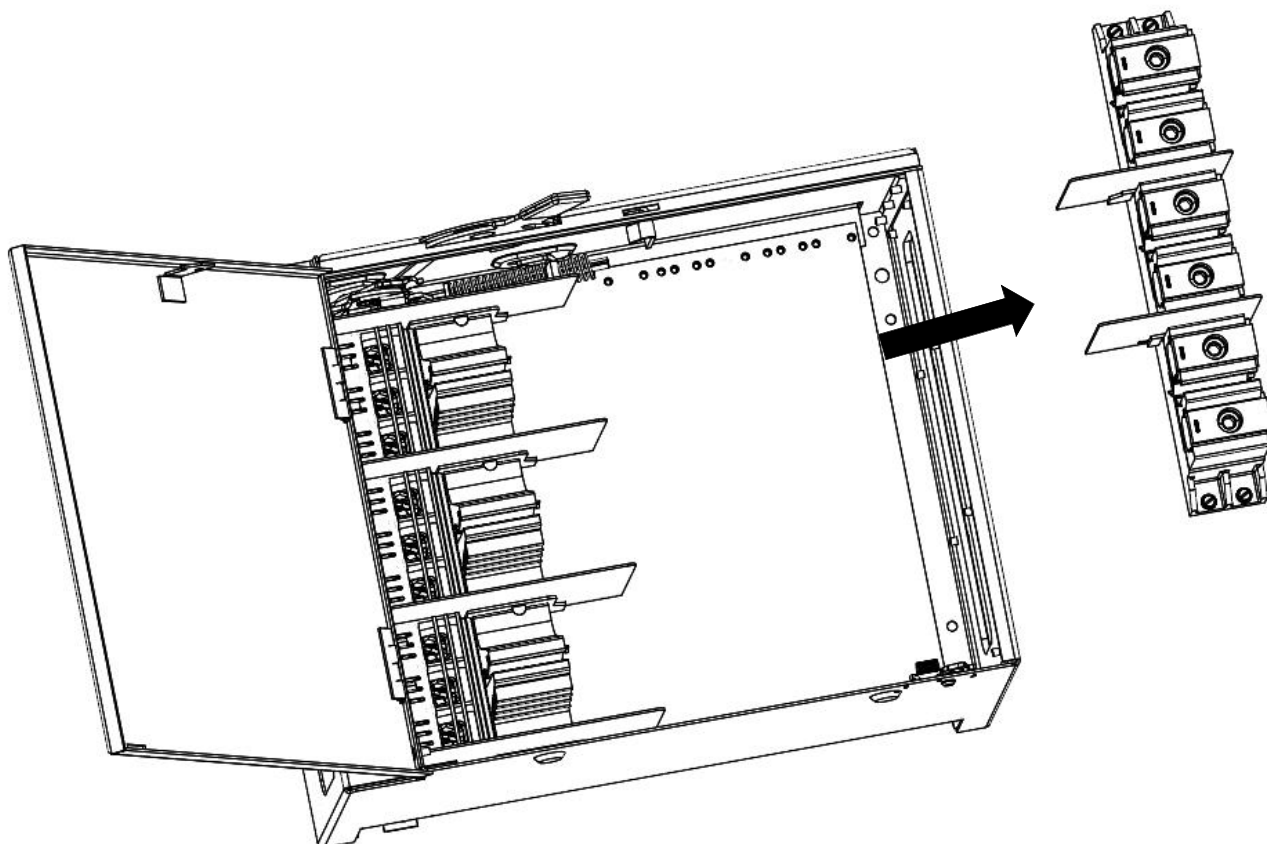


Figure 2



	⚠ Danger	⚠ Peligro	⚠ Danger
	Hazardous Voltage. Will cause death or serious injury. Turn off and lock out all power supplying this equipment before working on this device. Replace all covers before power supplying this device is turned on.	Tensión peligrosa. Puede causar la muerte o lesiones graves. Desenergice totalmente el equipo antes de instalar o darle servicio. Reemplace todas las barreras y cubierta antes de energizar el interruptor.	Tension dangereuse. Danger de mort ou risque de blessures graves. Mettre hors tension et cadenasser l'alimentation avant d'intervenir sur cet appareil. Remettre tous les couvercles en place avant de remettre cet appareil sous tension.

3. Remove mounting screw from bottom barrier and set aside, as shown in Fig 3. Do not discard.
4. Remove bottom barrier and set aside, as shown in Fig 4. Do not discard.

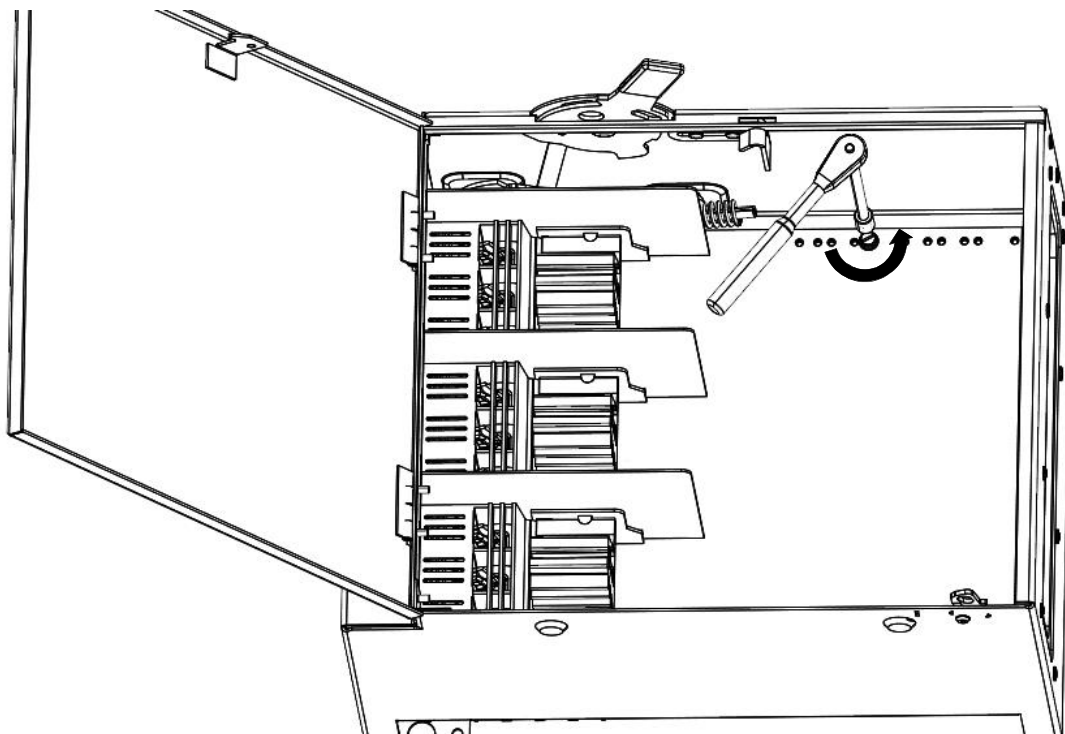


Figure 3

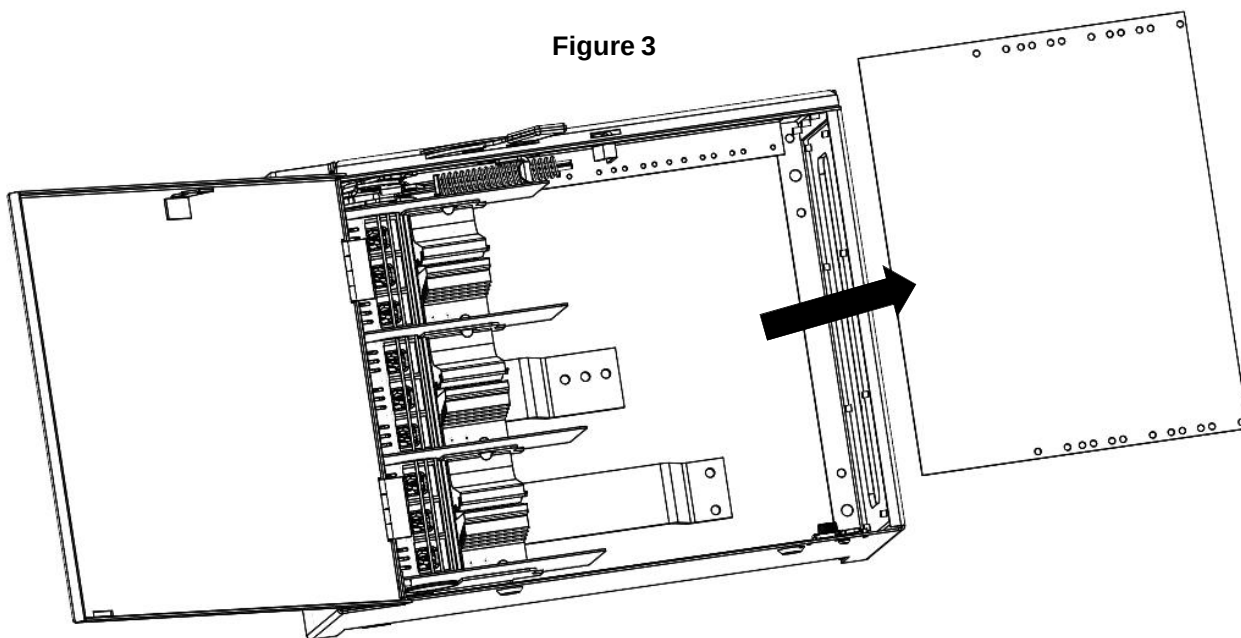


Figure 4



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5. Turn switch handle to ON position while restraining the cover interlock from moving as shown in Fig. 5.

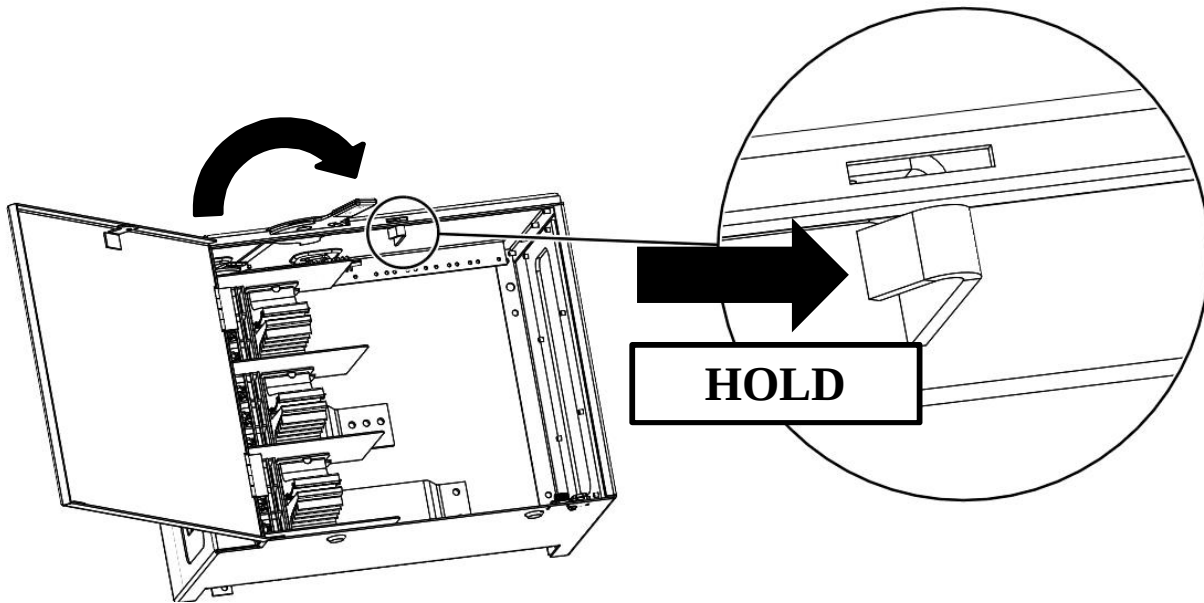


Figure 5



	⚠ Danger	⚠ Peligro	⚠ Danger
	Hazardous Voltage. Will cause death or serious injury. Turn off and lock out all power supplying this equipment before working on this device. Replace all covers before power supplying this device is turned on.	Tensión peligrosa. Puede causar la muerte o lesiones graves. Desenergice totalmente el equipo antes de instalar o darle servicio. Reemplace todas las barreras y cubierta antes de energizar el interruptor.	Tension dangereuse. Danger de mort ou risque de blessures graves. Mettre hors tension et cadenasser l'alimentation avant d'intervenir sur cet appareil. Remettre tous les couvercles en place avant de remettre cet appareil sous tension.

Prepare Panel Board for switch installation.

- § Turn OFF and lock out all power supplying this equipment before working on the device.
- § Verify that NO voltage is present on the line bus.

6. Mark location of the switch at top of the opening on both of the mounting (Z) rails see Fig 6 & 6a.

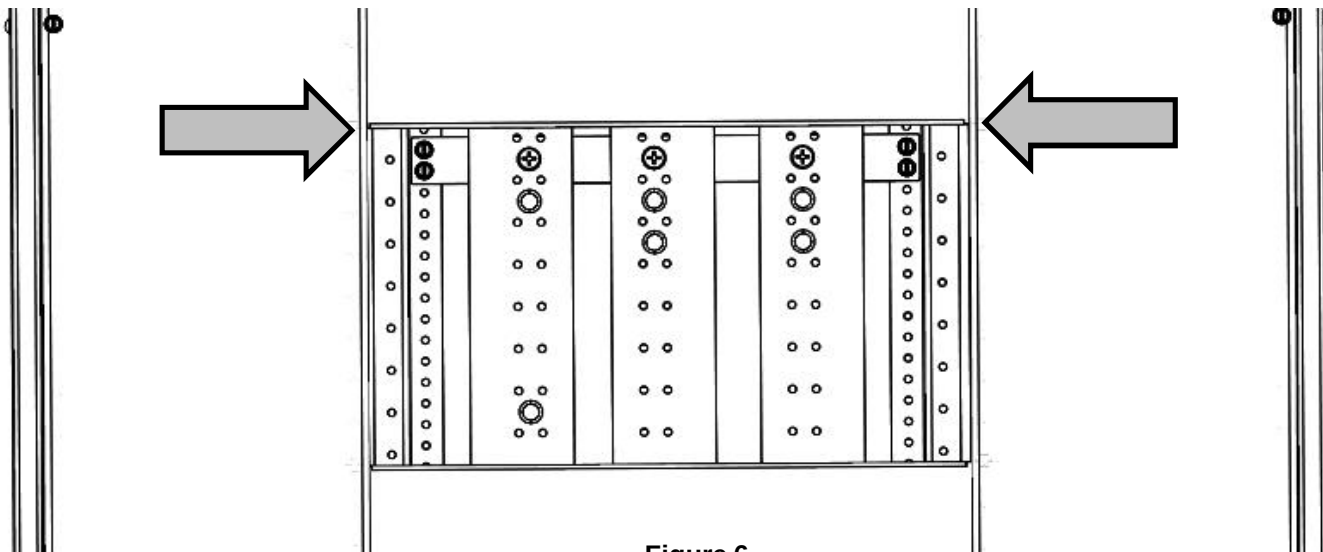


Figure 6

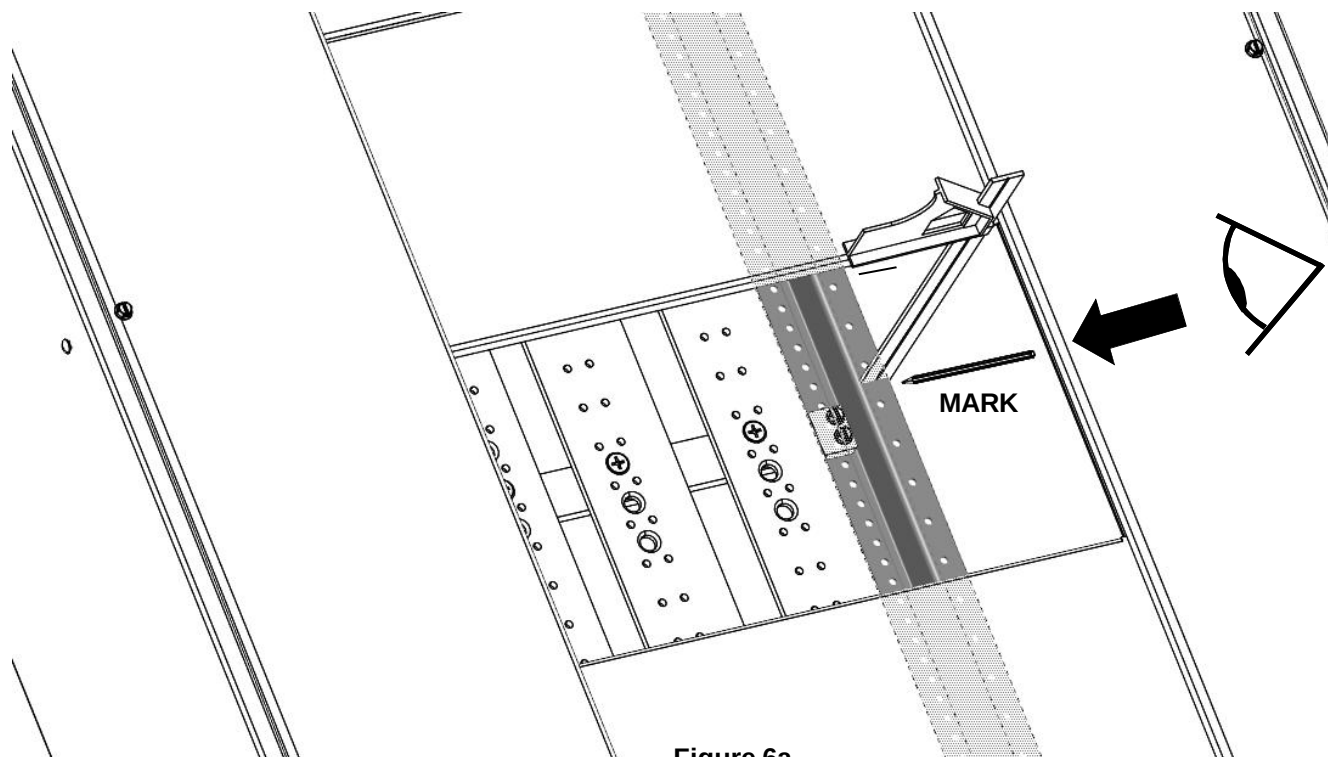


Figure 6a



7. Remove the panel board gutter covers and center cover assembly as shown in Fig. 7.

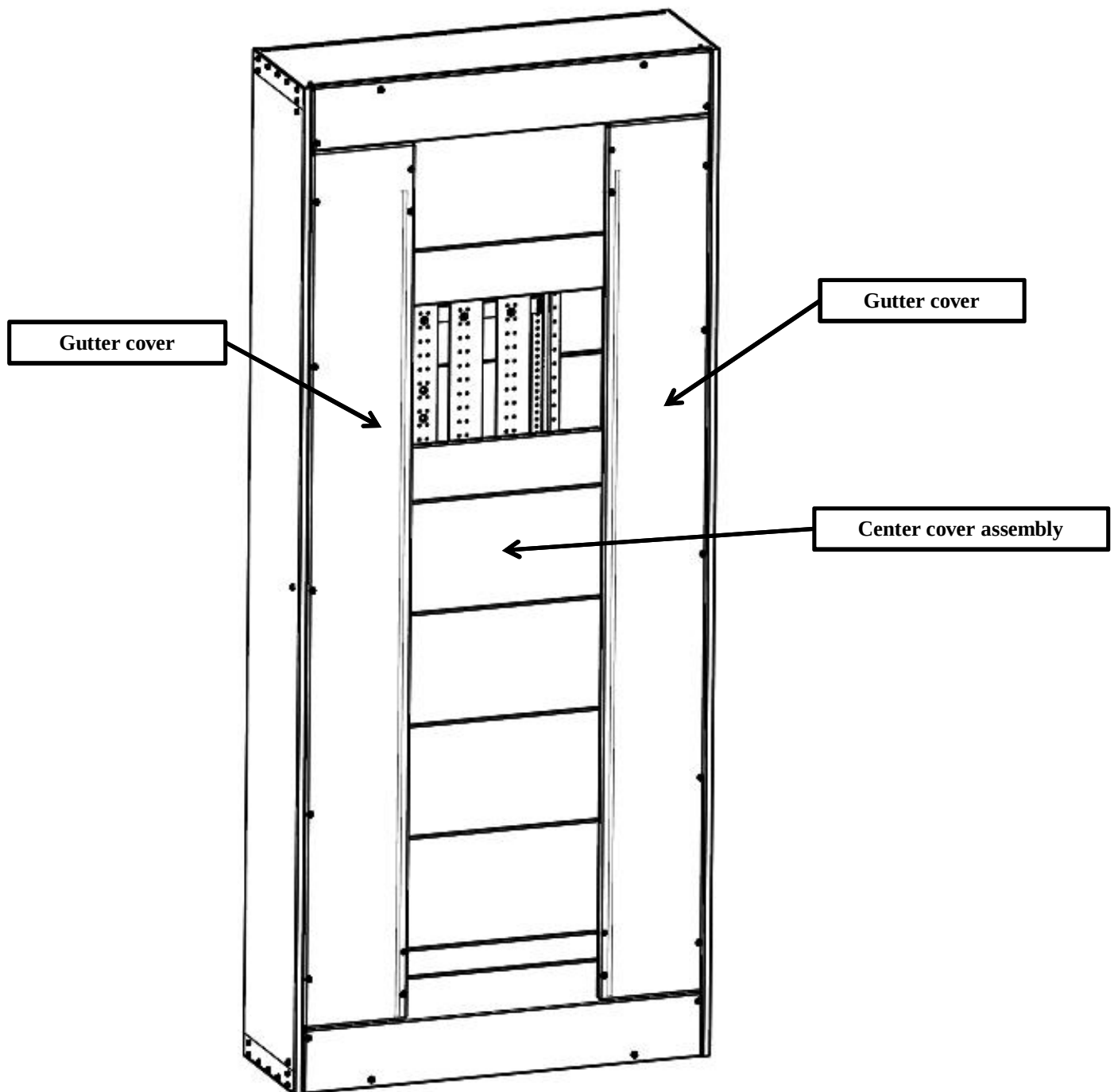


Figure 7



	⚠ Danger Hazardous Voltage. Will cause death or serious injury.	⚠ Peligro Tensión peligrosa. Puede causar la muerte o lesiones graves.	⚠ Danger Tension dangereuse. Danger de mort ou risque de blessures graves.
	Turn off and lock out all power supplying this equipment before working on this device. Replace all covers before power supplying this device is turned on.	Desenergice totalmente el equipo antes de instalar o darle servicio. Reemplace todas las barreras y cubierta antes de energizar el interruptor.	Mettre hors tension et cadenasser l'alimentation avant d'intervenir sur cet appareil. Remettre tous les couvercles en place avant de remettre cet appareil sous tension.

NOTE: It is recommended to pre-thread the holes with one of the screws provided in the installation kit to establish the threads before installing the alignment pins.

8. Install 2 alignment pins into the holes 1.88" below the top of the switch mark (second hole down). Hand tighten until pin is fully seated see Fig. 8.

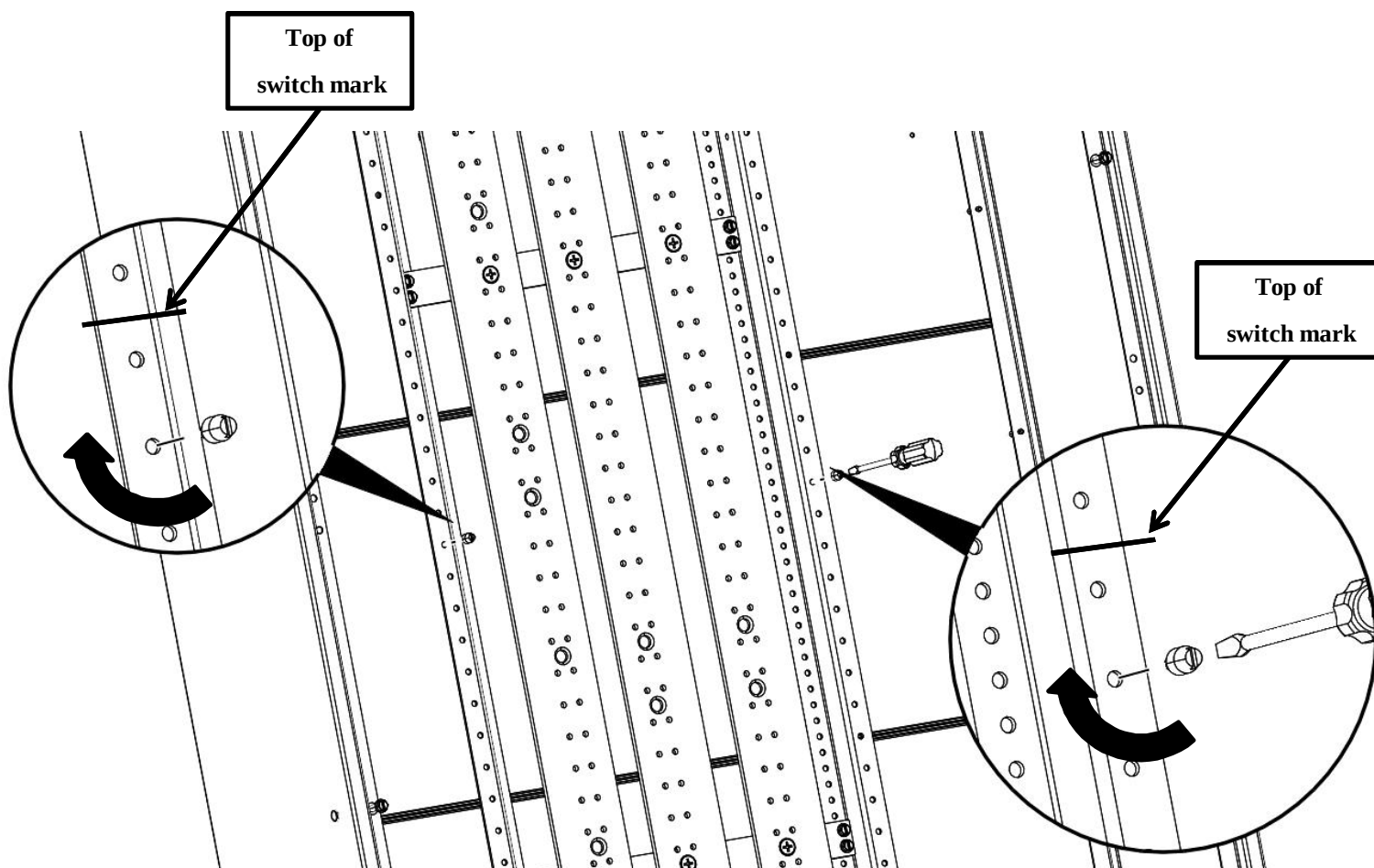


Figure 8



Read and be prepared to complete step 10 after installing panelboard switch alignment pins.

9. Place the panel board switch onto the alignment pins using the 3/8" diameter holes.
(Second mounting hole down) as shown in Fig. 9.

Hold or secure in place until hardware is installed in next step.

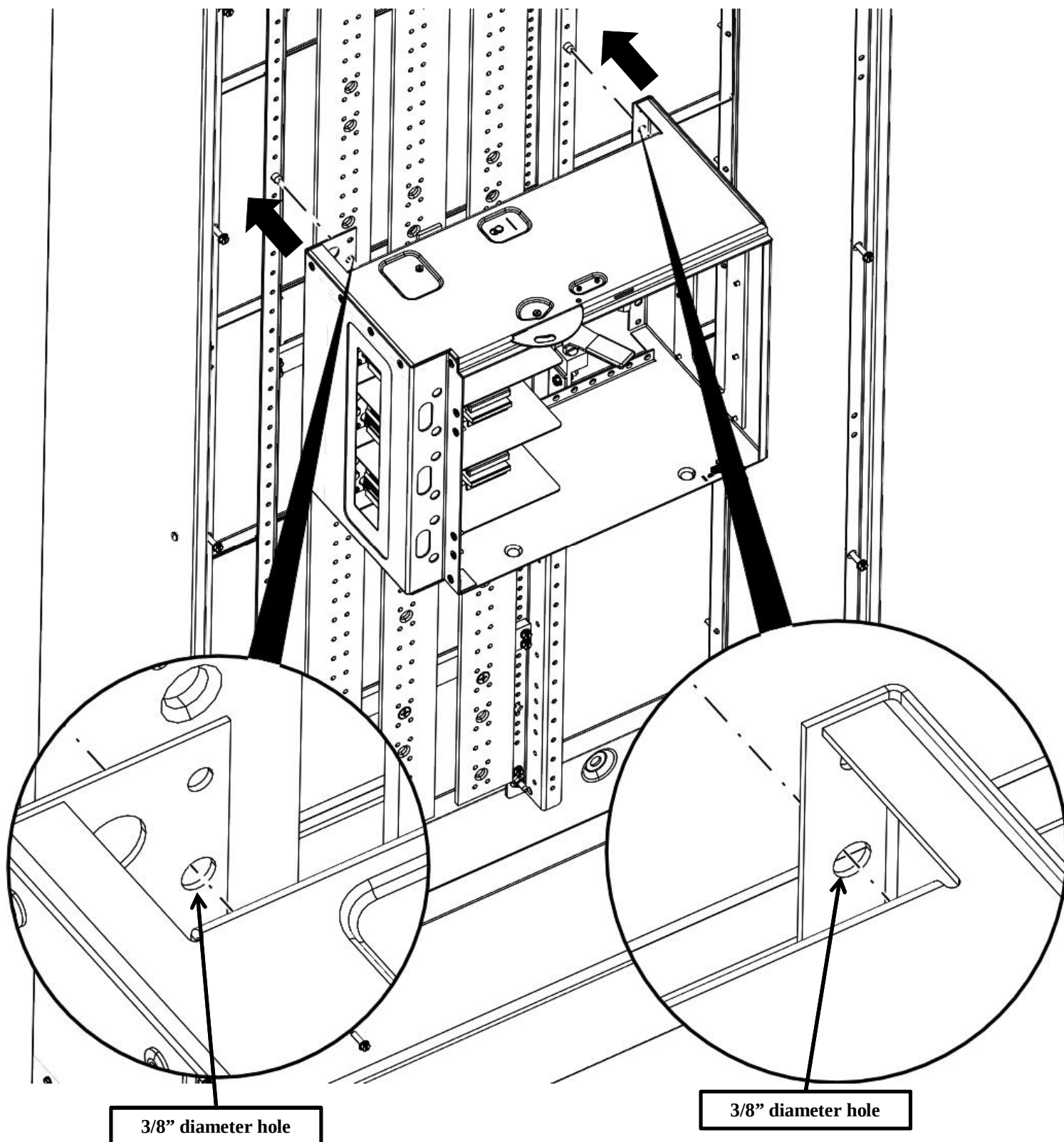


Figure 9

	⚠ Danger Hazardous Voltage. Will cause death or serious injury.	⚠ Peligro Tensión peligrosa. Puede causar la muerte o lesiones graves.	⚠ Danger Tension dangereuse. Danger de mort ou risque de blessures graves.
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NOTE: It is recommended to pre-thread the holes with one of the screws provided in the installation kit to establish the threads before installing the mounting screws. Use the template provided.



**Panel Board
Enclosure
Mounting
Screw**

1/4-20x 3/8" (2)

10. Install 2 mounting screws as shown in Fig. 10.

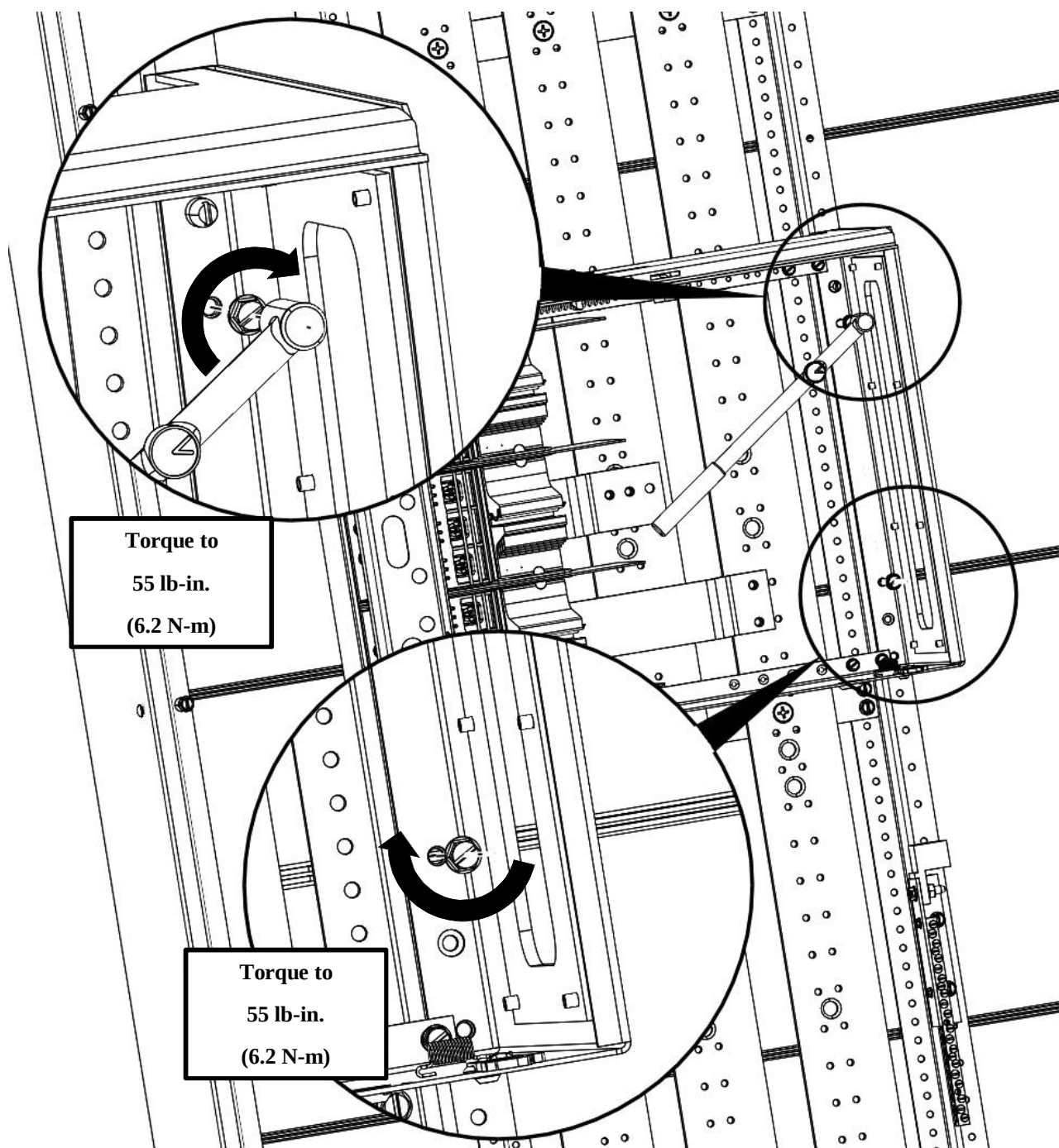


Figure 10



11. Install 2 mounting screws for the 15" units as shown in Fig. 11.

Install 1 mounting screw for 10" units as shown in Fig. 11.



Panel Board
Enclosure
Mounting
Screw

1/4-20x 3/8"

Torque to
55 lb-in.
(6.2 N-m)

15" and 10" units

Torque to
55 lb-in.
(6.2 N-m)

15" units only

Figure 11

 	⚠ Danger Hazardous Voltage. Will cause death or serious injury. Turn off and lock out all power supplying this equipment before working on this device. Replace all covers before power supplying this device is turned on.	⚠ Peligro Tensión peligrosa. Puede causar la muerte o lesiones graves. Desenergice totalmente el equipo antes de instalar o darle servicio. Reemplace todas las barreras y cubierta antes de energizar el interruptor.	⚠ Danger Tension dangereuse. Danger de mort ou risque de blessures graves. Mettre hors tension et cadenasser l'alimentation avant d'intervenir sur cet appareil. Remettre tous les couvercles en place avant de remettre cet appareil sous tension.
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12. Turn switch handle to OFF

13. Install 2 screws into each of the connecting straps (see torque) as shown in Fig. 13.



**Copper Strap
Mounting
Screw**

1/4-20x 7/8" (6)

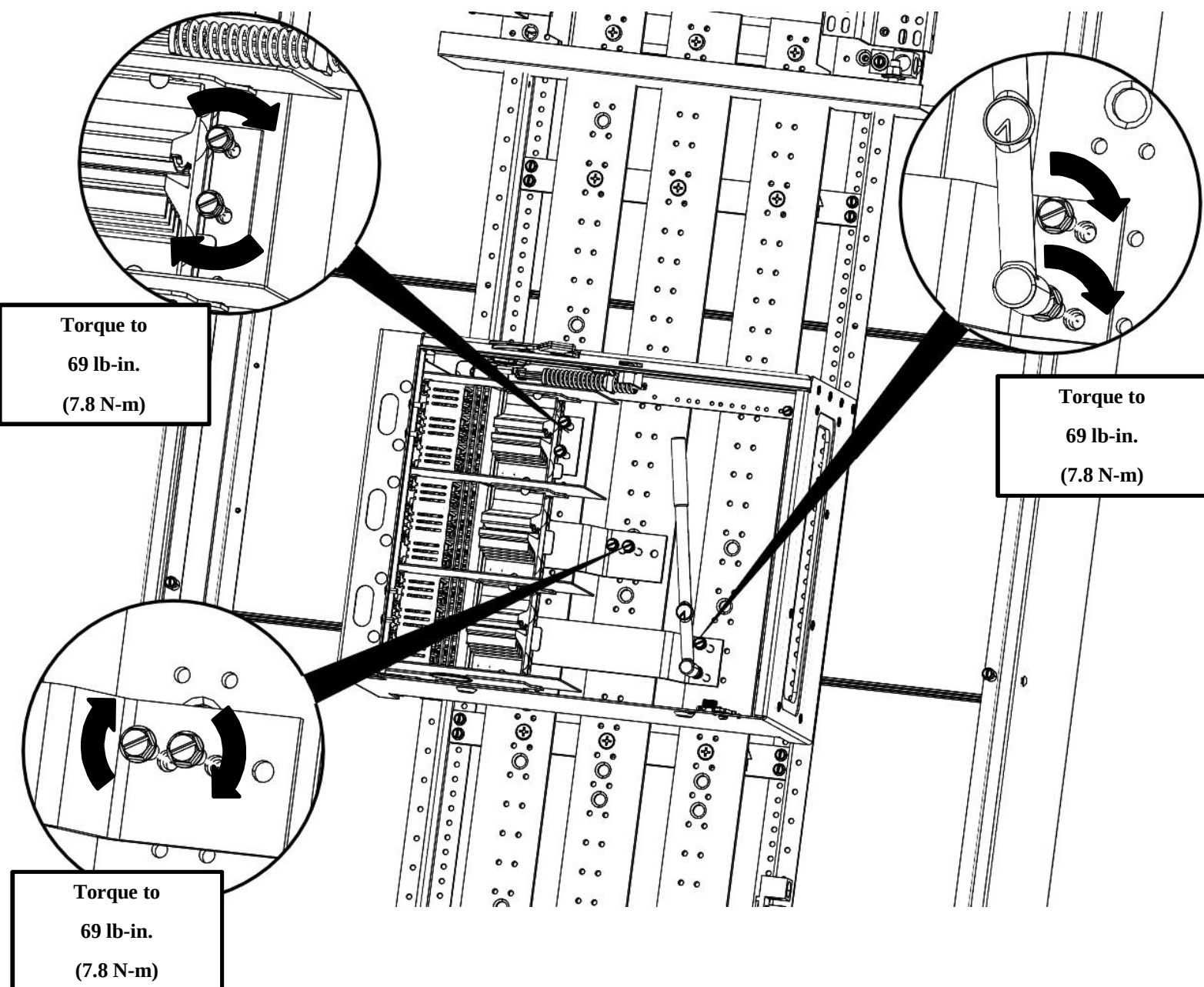


Figure 13



14. Reinstall bottom barrier, ensure barrier rests on top of line base tabs as shown in fig. 14.

15. Secure with one screw to hold in place. Hand tighten as shown in Fig. 15.

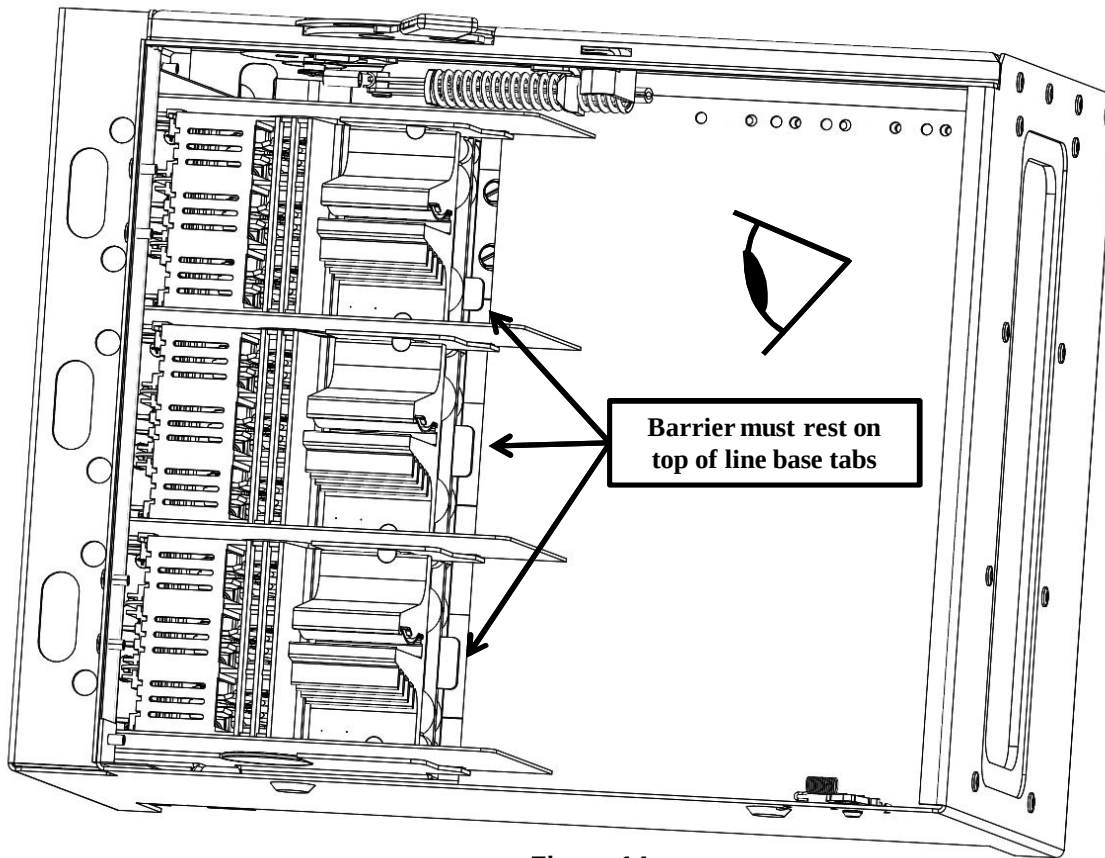


Figure 14

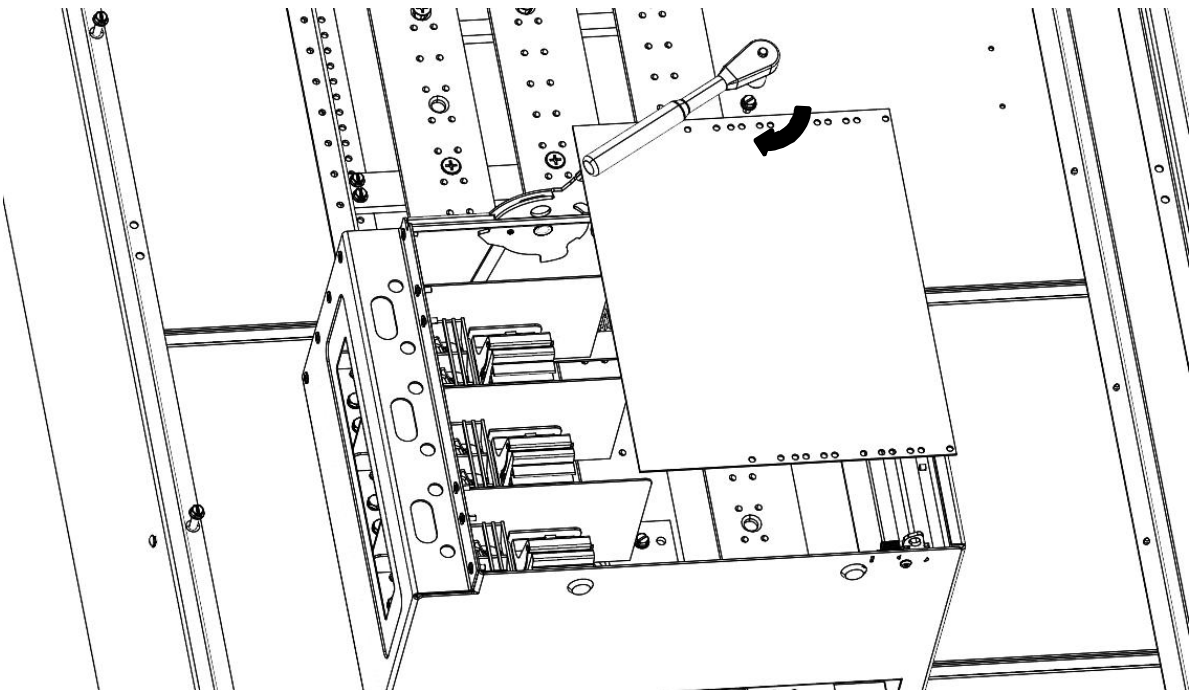


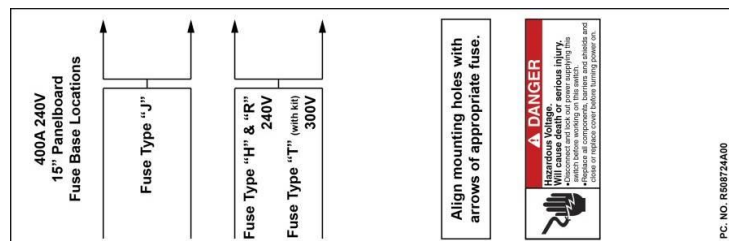
Figure 15



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16. Locate load base position using load base fuse label on inside of enclosure see Fig. 16.

17. Reinstall load base mounting screws (take care not to strip existing thread) see Fig. 17.



Sample load base fuse location label

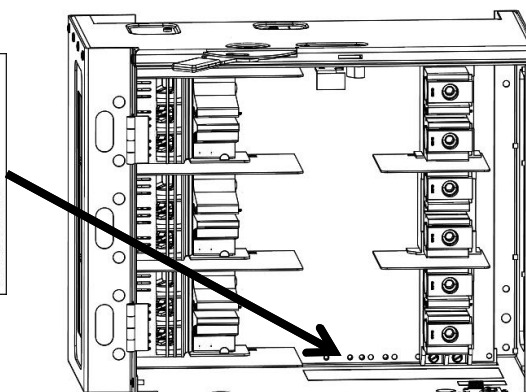


Figure 16

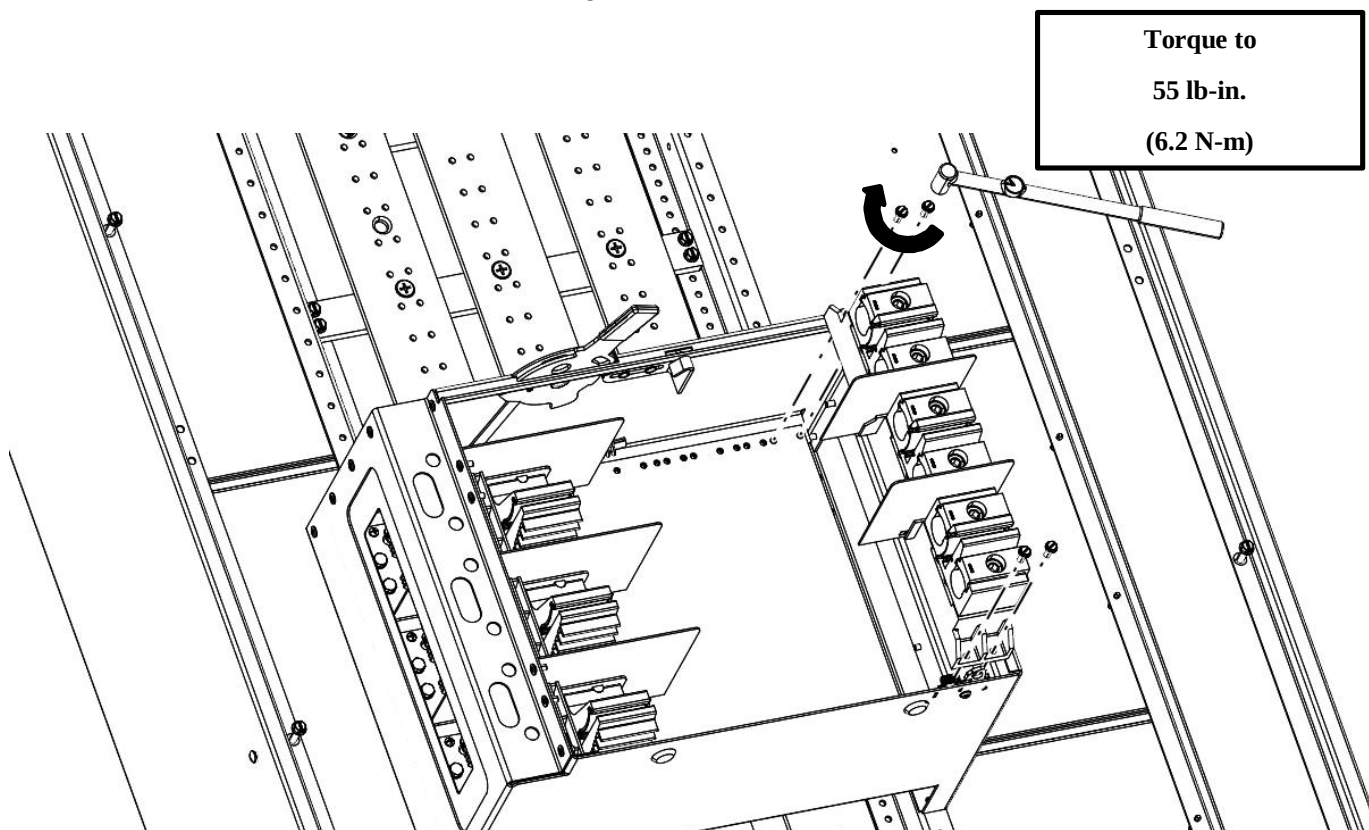


Figure 17

	 Danger	 Peligro	 Danger
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18. Install the load conductors. Torque the lugs to the wire tightening torque values listed in the Terminal & Wire Information Table on the interior label.
19. Reinstall panel board covers.
20. Install Fuses.
21. Close cover before restoring power to the safety switch.

