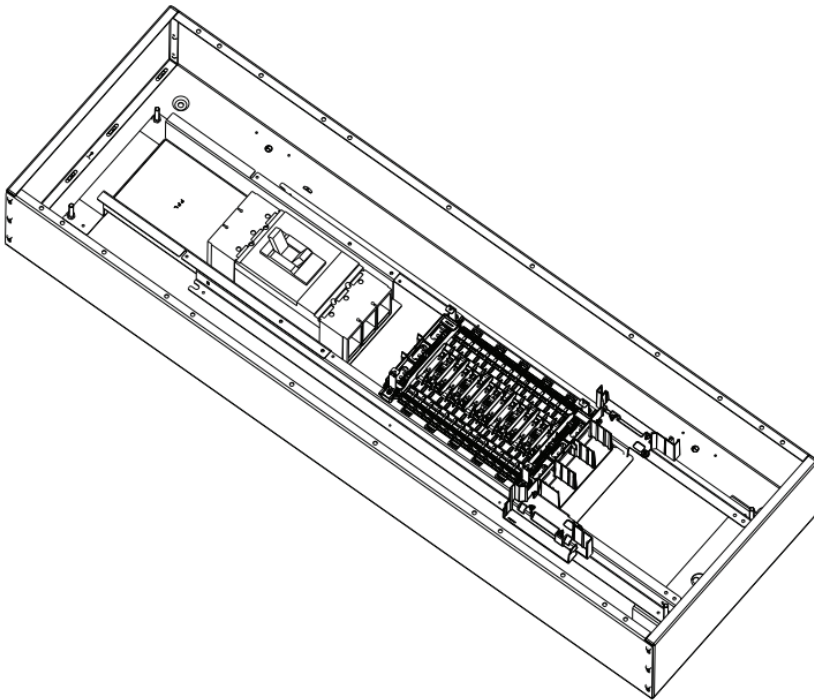


MH D9 Enclosures

Installation of NF or NQ Panelboards with PowerPacT™ L Main or Subfeed Circuit Breakers

Instruction Bulletin

80043-874-01
08/2023



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Table of Contents

Safety Information	5
Please Note	5
Precautions	6
Installation	6
Tools Needed.....	6
Removing the Elevating Brackets for NQ Panelboards from MH62D9 to MH80D9.....	7
Removing and Modifying the Elevating Brackets for NQ Panelboards for MH86D9 and MH92D9	8
Installing NQ PowerPacT L Circuit Breaker Interior Inside the Enclosure.....	9
Removing the Studs from the Elevating Brackets for NF Panelboards for MH86D9 and MH92D9	10
Installing NF PowerPacT L Circuit Breaker Interior Inside the Enclosure.....	11

Safety Information

Read these instructions carefully and look at the equipment to become familiar with the device before trying to install, operate, service, or maintain it. The following special messages may appear throughout this user guide or on the equipment to warn of hazards or to call attention to information that clarifies or simplifies a procedure.



The addition of either symbol to a “Danger” or “Warning” safety label indicates that an electrical hazard exists which will result in personal injury if the instructions are not followed.



This is the safety alert symbol. It is used to alert you to personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

DANGER

DANGER indicates a hazardous situation which, if not avoided, **will result in** death or serious injury.

WARNING

WARNING indicates a hazardous situation which, if not avoided, **could result in** death or serious injury.

CAUTION

CAUTION indicates a hazardous situation which, if not avoided, **could result in** minor or moderate injury.

NOTICE

NOTICE is used to address practices not related to physical injury.

NOTE: Provides additional information to clarify or simplify a procedure.

Please Note

Electrical equipment should be installed, operated, serviced, and maintained only by qualified personnel. No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this material.

A qualified person is one who has skills and knowledge related to the construction, installation, and operation of electrical equipment and has received safety training to recognize and avoid the hazards involved.

Electrical equipment should be transported, stored, installed, and operated only in the environment for which it is designed.

Precautions

⚠ DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- Apply appropriate personal protective equipment (PPE) and follow safe electrical work practices. See NFPA 70E, NOM-029-STPS or CSA Z462 or local equivalent.
- This equipment must only be installed and serviced by qualified electrical personnel.
- Turn off all power supplying this equipment before working on or inside equipment.
- Always use a properly rated voltage sensing device to confirm power is off.
- Replace all devices, doors and covers before turning on power to this equipment.

Failure to follow these instructions will result in death or serious injury.



WARNING: This product can expose you to chemicals including Nickel compounds, which are known to the State of California to cause cancer, and Bisphenol A (BPA), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Installation

⚠ DANGER

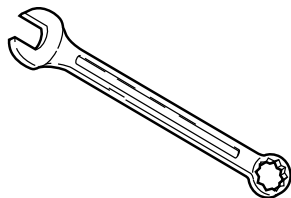
HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- Apply appropriate personal protective equipment (PPE) and follow safe electrical work practices. See NFPA 70E, NOM-029-STPS or CSA Z462 or local equivalent.
- This equipment must only be installed and serviced by qualified electrical personnel.
- Turn off all power supplying this equipment before working on or inside equipment.
- Always use a properly rated voltage sensing device to confirm power is off.
- Replace all devices, doors and covers before turning on power to this equipment.

Failure to follow these instructions will result in death or serious injury.

Tools Needed

A ½ inch combination wrench is needed for removal and installation.



Removing the Elevating Brackets for NQ Panelboards from MH62D9 to MH80D9

1. Identify the end of the enclosure where the PowerPacT L circuit breaker will be installed and remove the elevating brackets on that end per the following instructions.
2. Unscrew the nuts from the studs welded in the box; studs welded in the box should remain.
3. Remove the elevating brackets A and B and discard.

NOTE: Elevating bracket C shall not be removed.

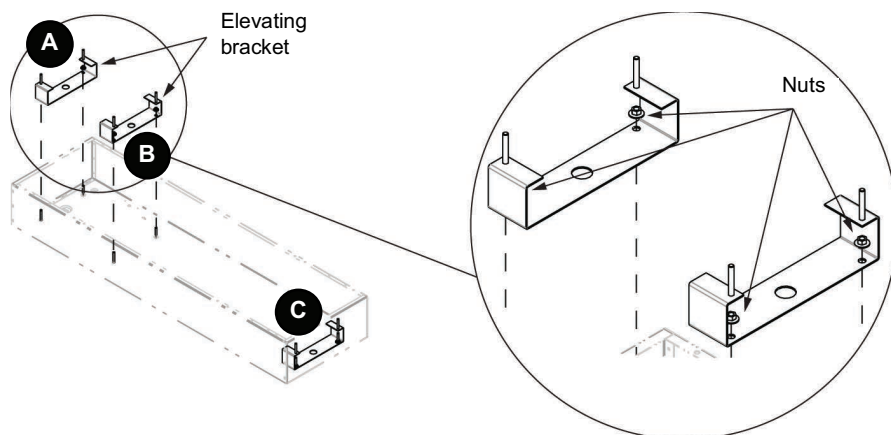


Figure 1 - MH62D9 Enclosure

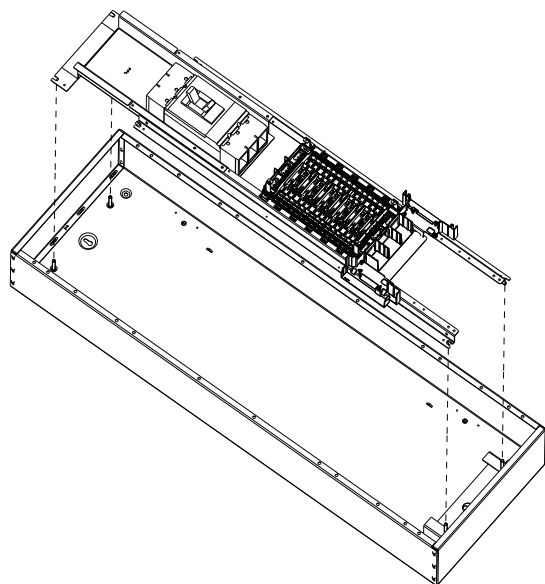
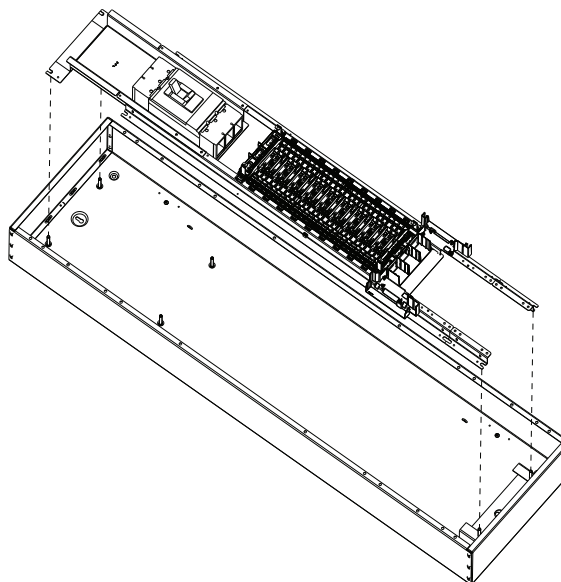
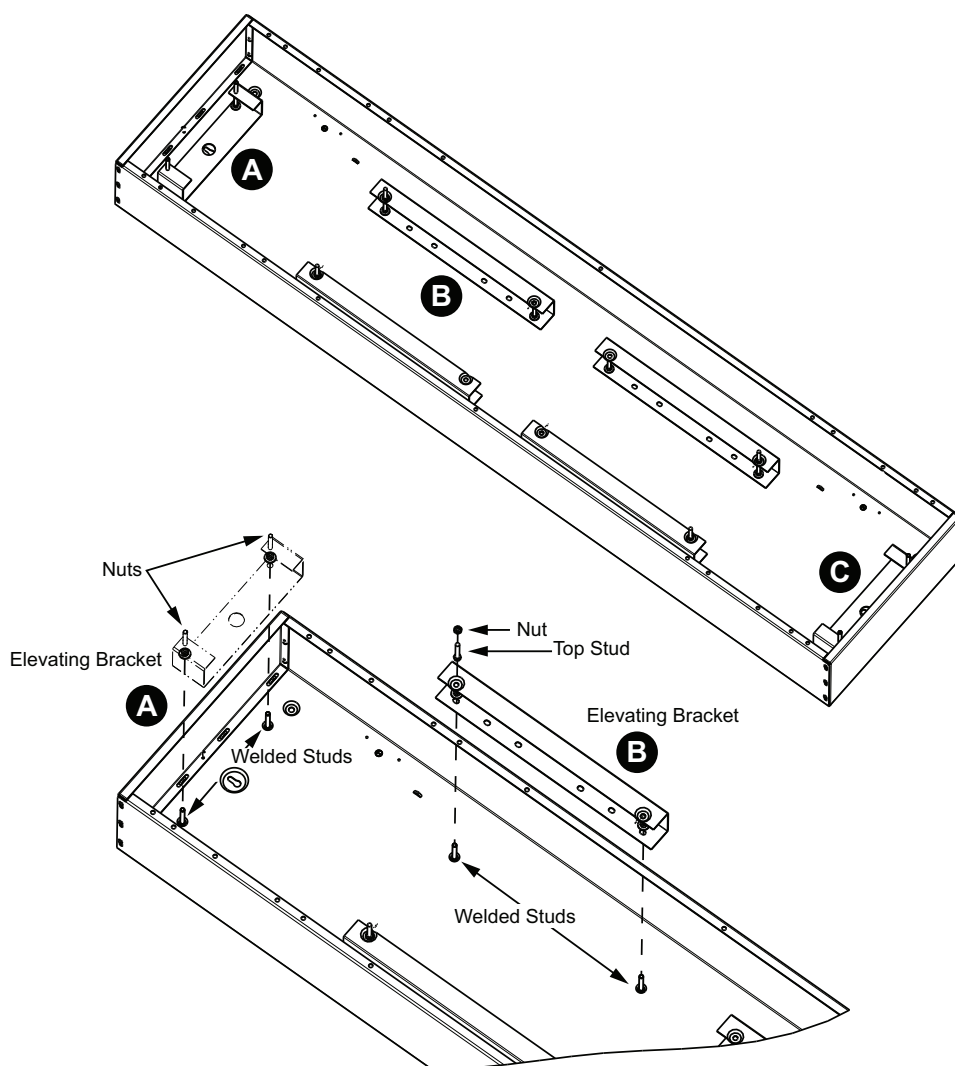


Figure 2 - MH68D9, MH74D9, and MH80D9 Enclosures



Removing and Modifying the Elevating Brackets for NQ Panelboards for MH86D9 and MH92D9

1. Identify the end of the enclosure where the PowerPacT L circuit breaker will be installed and remove the elevating brackets on that end per the following instructions.
2. Unscrew the nuts from the studs welded in the box; studs welded in the box should remain.
3. Remove the elevating brackets A, and B (4). Discard A. Do not remove or modify C.
4. Unscrew the nut from B to remove the top stud.
5. Remove the loosened top stud. Do not remove studs that are welded in the box.
6. Place the elevating bracket B back into place.
7. Tighten the nuts back onto the studs welded in the box. Repeat as necessary for each stud on the remaining B elevating brackets.



Installing NQ PowerPacT L Circuit Breaker Interior Inside the Enclosure

⚠ DANGER

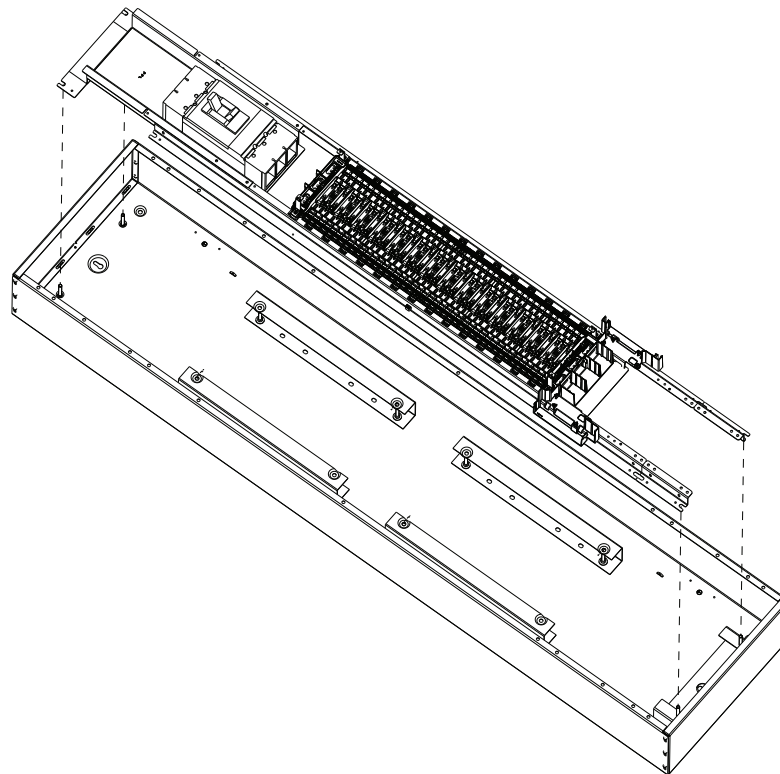
HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- Apply appropriate personal protective equipment (PPE) and follow safe electrical work practices. See NFPA 70E, NOM-029-STPS or CSA Z462 or local equivalent.
- This equipment must only be installed and serviced by qualified electrical personnel.
- Turn off all power supplying this equipment before working on or inside equipment.
- Always use a properly rated voltage sensing device to confirm power is off.
- Replace all devices, doors and covers before turning on power to this equipment.

Failure to follow these instructions will result in death or serious injury.

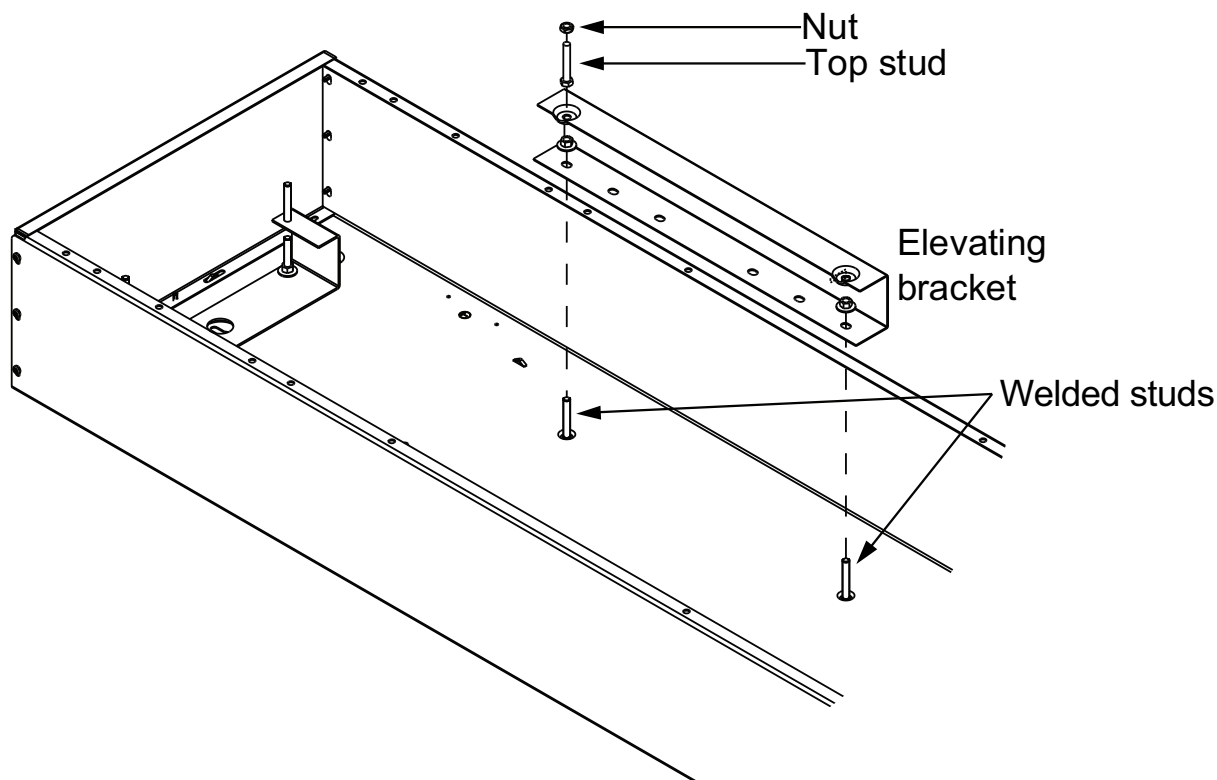
Install the interior into the enclosure as instructed in NQ/NQM Panelboards and QONQ Load Centers User Guide (document number 80043-712) stated in section “Interior Mounting for Square D Brand Enclosures”.

Figure 3 - MH86D9 and MH92D9 Enclosures



Removing the Studs from the Elevating Brackets for NF Panelboards for MH86D9 and MH92D9

1. Unscrew the nuts from the studs welded in the box, for the four long elevating brackets as shown below; studs welded in the box should remain. Do not remove or modify the two small elevating brackets at each end of the box.
2. Remove the four long elevating brackets.
3. Unscrew the nut to remove the top stud in each elevating bracket.
4. Remove the loosened top stud in each elevating bracket. Do not remove studs that are welded in the box.
5. Place the elevating brackets back into place.
6. Tighten the nuts back onto the studs welded in the box.



Installing NF PowerPacT L Circuit Breaker Interior Inside the Enclosure

⚠ DANGER

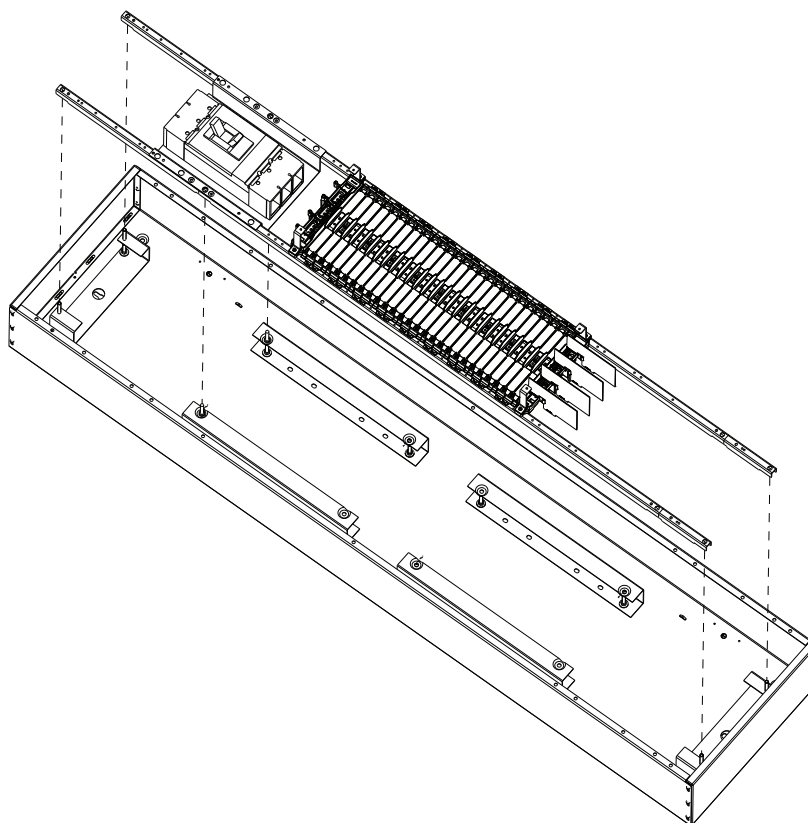
HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- Apply appropriate personal protective equipment (PPE) and follow safe electrical work practices. See NFPA 70E, CSA Z462, or NOM-029-STPS.
- This equipment must only be installed and serviced by qualified electrical personnel.
- Turn off all power supplying this equipment before working on or inside equipment.
- Always use a properly rated voltage sensing device to confirm power is off.
- Replace all devices, doors and covers before turning on power to this equipment.

Failure to follow these instructions will result in death or serious injury.

1. Install the Interior into the enclosure as instructed in [NF/NFOM Panelboards User Guide](#) (document number 80043-741) stated in section “Interior Mounting for Square D Brand Enclosures”.

Figure 4 - MH86D9 and MH92D9 Enclosures



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