

Instruction Bulletin

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ENGLISH

Backfed Main Circuit Breaker Barrier Kit Installation onto an NQ or NF Panelboard Classes 1640 and 1670

Retain for future use.

Introduction

This bulletin contains instructions for installing a Square D® brand backfed main circuit breaker barrier kit onto a Square D brand NQ or NF panelboard manufactured by Schneider Electric.

Safety Precautions

⚠ DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

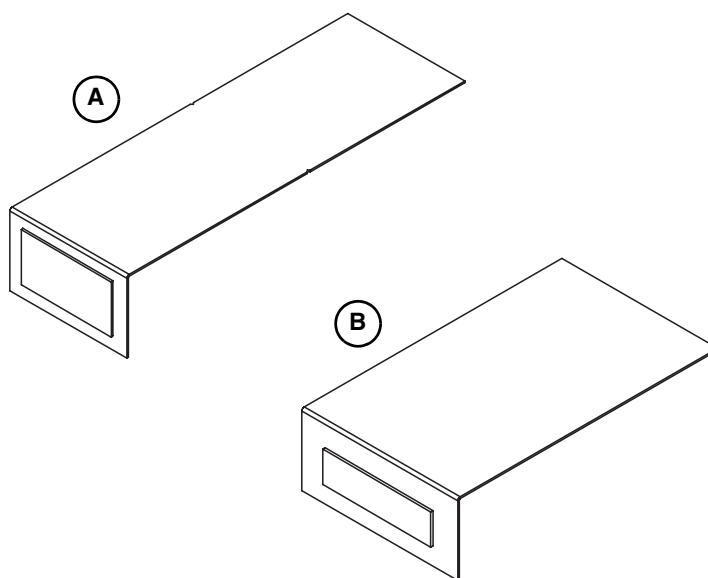
- Apply appropriate personal protective equipment (PPE) and follow safe electrical work practices. See NFPA 70E.
- This equipment must only be installed and serviced by qualified electrical personnel.
- Turn off all power supplying this equipment before working on or inside equipment.
- Always use a 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.

Kit Contents

NQODBFMB20 and NFBFMB20

- A. **NQODBFMB20 kit only**–
Backfed main circuit breaker barrier (1)
- B. **NFBFMB20 kit only**–
Backfed main circuit breaker barrier (1)



Tools Needed



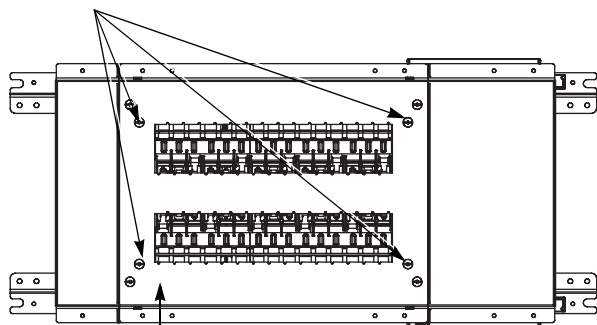
- #2 Square-head Robertson driver

Installing the Kit



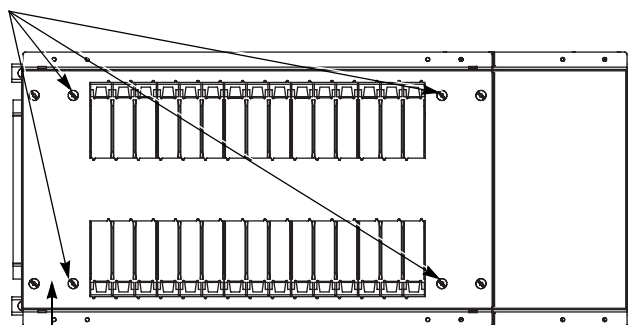
Turn off all power supplying this equipment before working inside the panelboard; follow all lockout/tagout procedures.

- 1 Remove the trim front and deadfront assembly. Retain all screws and the deadfront assembly for reuse.



Deadfront assembly

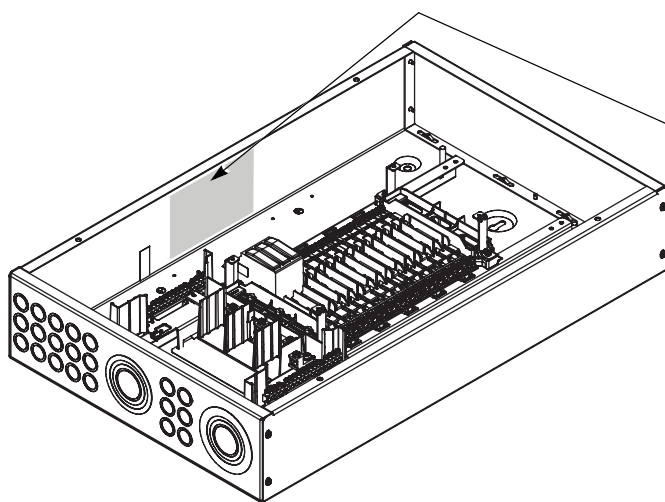
NQODBFMB20 NQ Kit



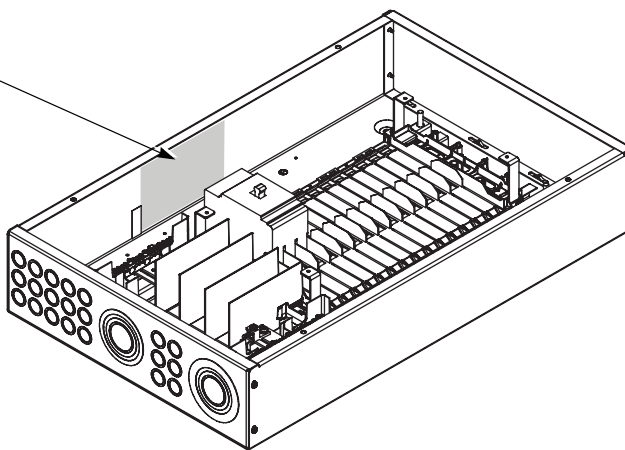
Deadfront assembly

NFBFMB20 NF Kit

- 2 Using a clean, dry cloth, clean the enclosure surface, adjacent to the backfed main circuit breaker. The surface must be free of dust, oil, and other contaminants.

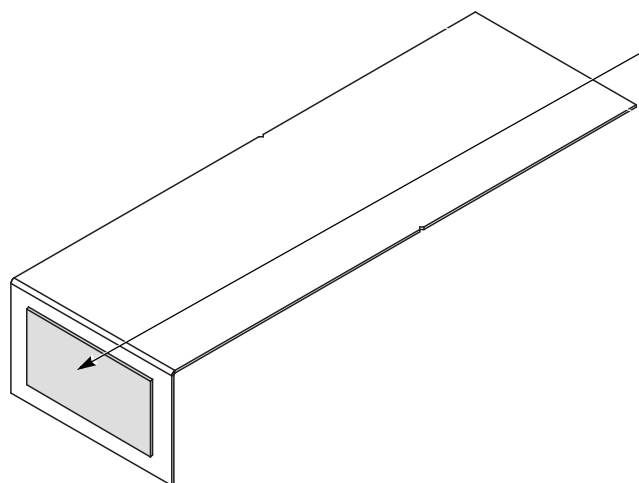


NQODBFMB20 NQ Kit

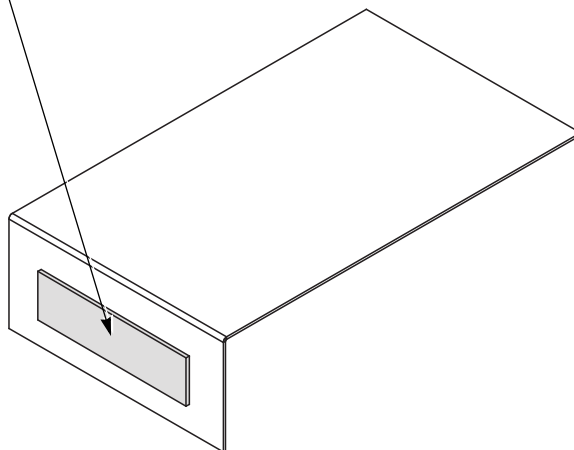


NFBFMB20 NF Kit

- 3** Remove the protective film from the adhesive backing on the backfed main circuit breaker barrier.



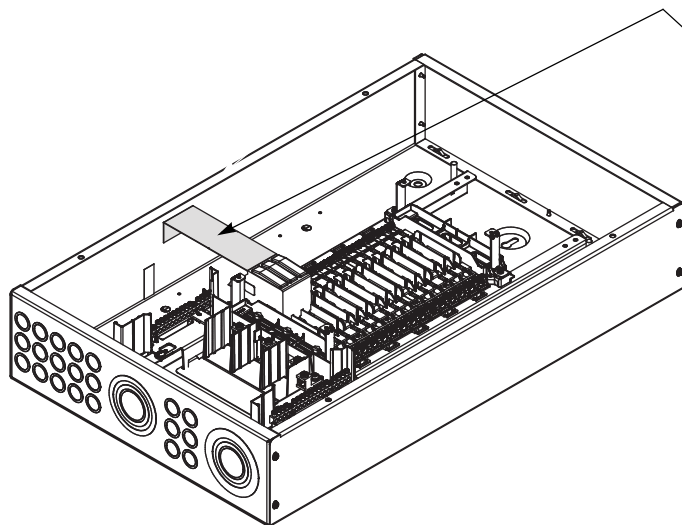
NQODBFMB20 NQ Kit



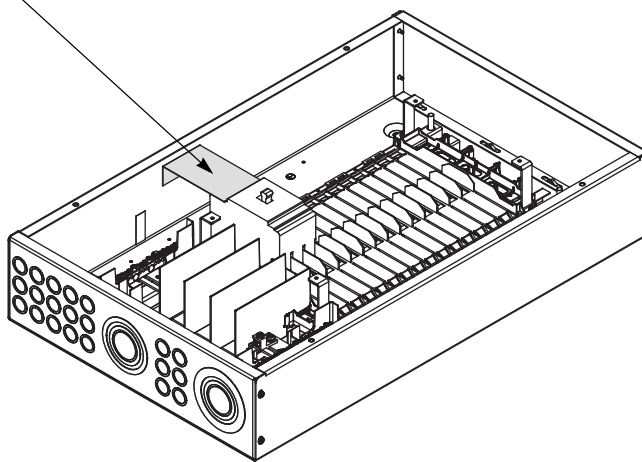
NFBFMB20 NF Kit

- 4** Ensure the backfed main circuit breaker barrier is placed overlapping the backfed main circuit breaker, as shown. Then, press the barrier onto the side of the enclosure.

NOTE: When using this barrier in a 14 in. (356 mm) NQ enclosure, cut off the excess barrier length at the notches.

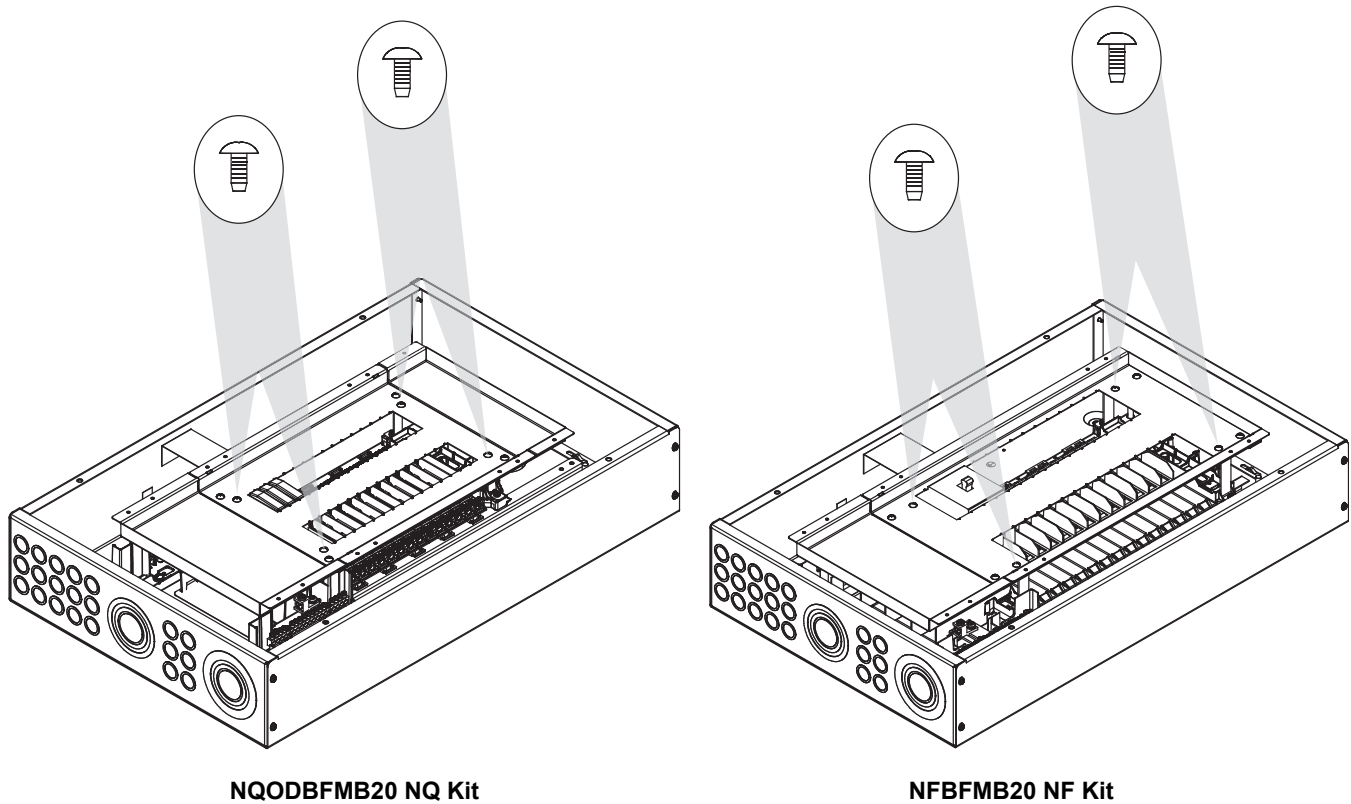


NQODBFMB20 NQ Kit



NFBFMB20 NF Kit

- 5** Remount the deadfront assembly and trim front using the screws retained in step 1.



For technical support on the installation of this kit, contact the Square D/Schneider Electric Customer Information Center at 1-888-SquareD (1-888-778-2733).

Schneider Electric USA
252 North Tippecanoe
Peru, IN 46970 USA
1-888-SquareD (1-888-778-2733)
www.us.SquareD.com

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