

Instruction Bulletin

Replaces 80043-687-03 08/2007

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.

ENGLISH

Safety Precautions

⚠ DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

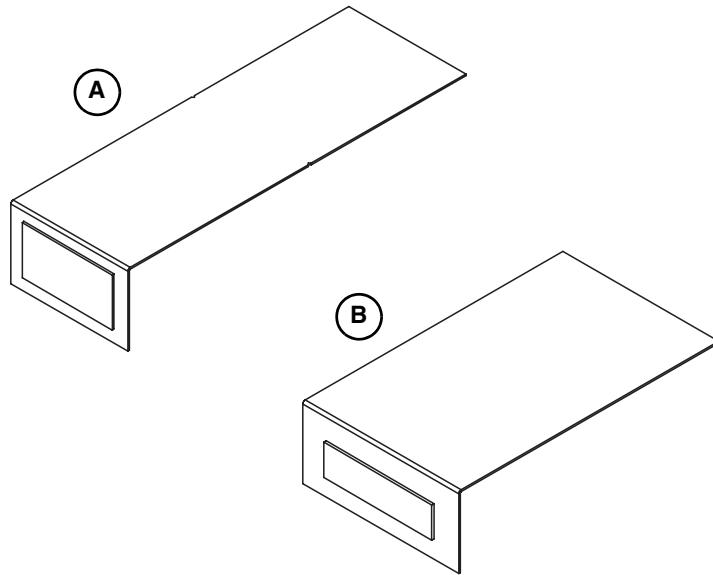
- Apply appropriate personal protective equipment (PPE) and follow safe electrical work practices. See NFPA 70E.
- This equipment must only be installed and serviced by qualified electrical personnel.
- Turn off all power supplying this equipment before working on or inside equipment.
- Always use a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



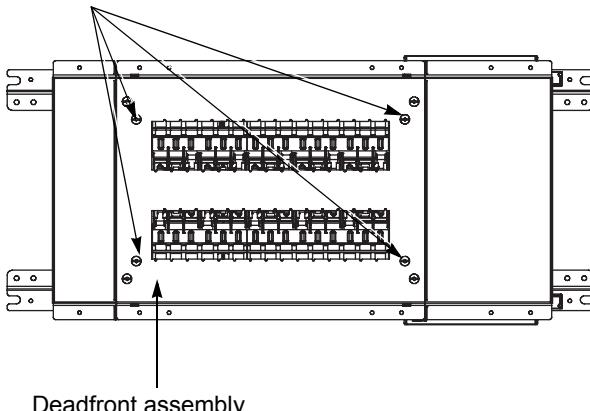
- #2 Square-head Robertson driver

Installing the Kit

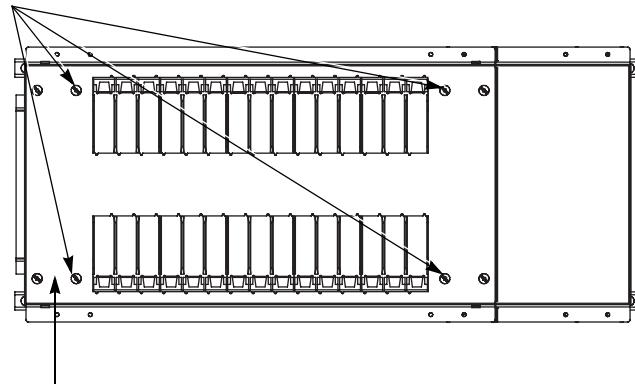


Turn off all power supplying this equipment before working inside the panelboard; follow all lockout/tagout procedures.

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

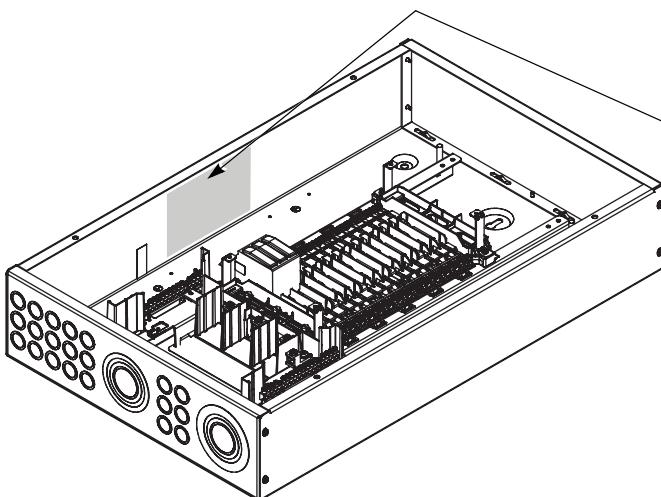


NQDBFMB20 NQ Kit

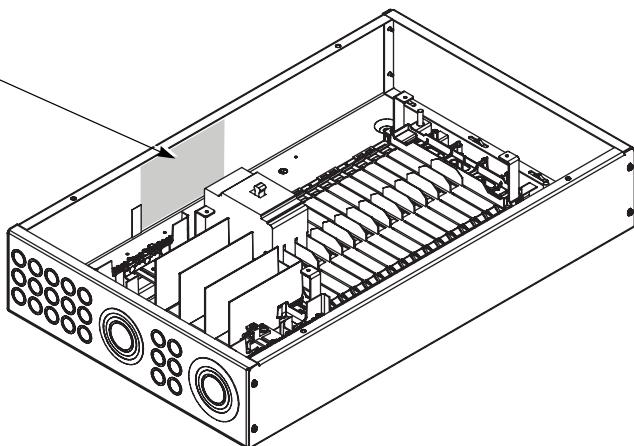


NFBFMB20 NF Kit

- 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.

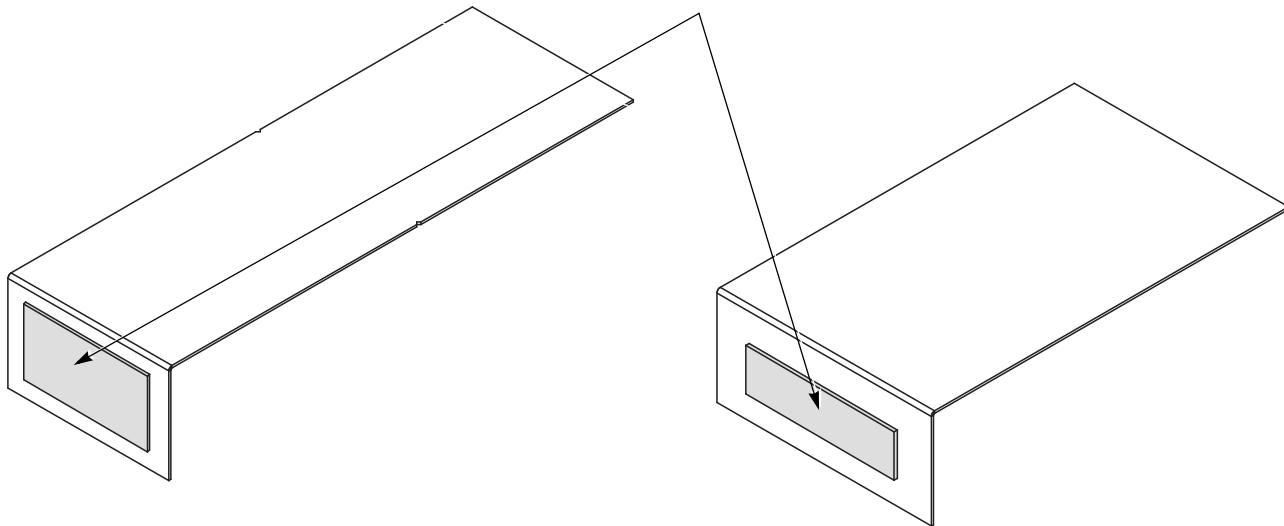


NQDBFMB20 NQ Kit



NFBFMB20 NF Kit

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

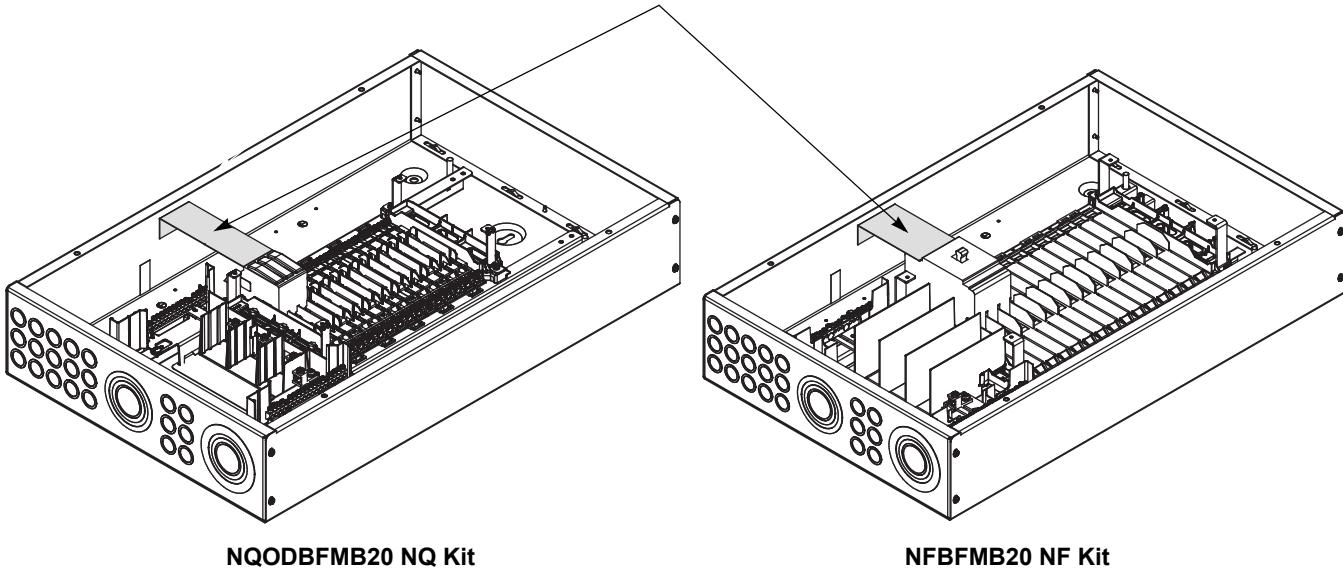


NQODBFMB20 NQ Kit

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.

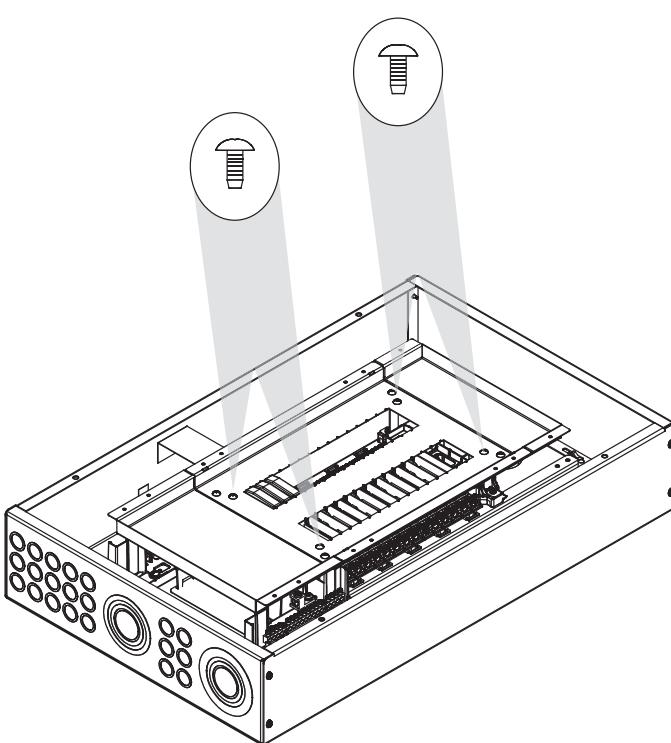
NOTE: When using this barrier in a 14 in. (356 mm) NQ enclosure, cut off the excess barrier length at the notches.



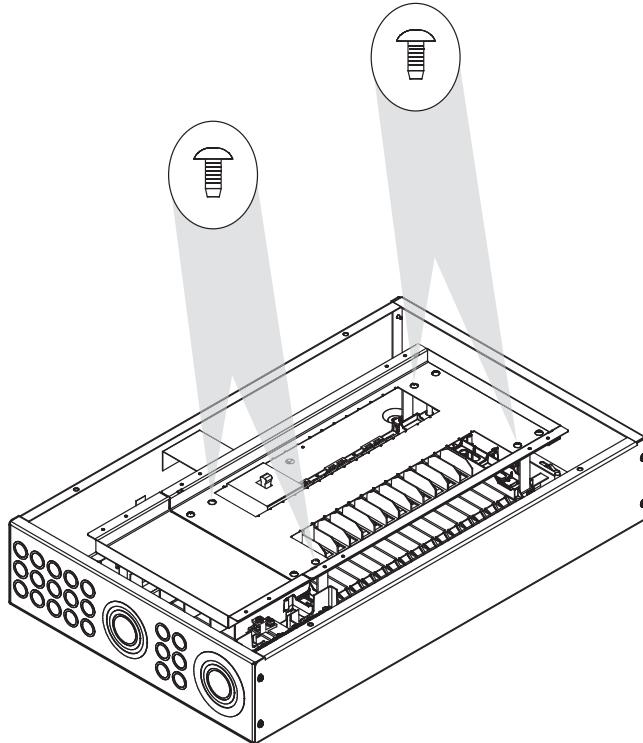
NQODBFMB20 NQ Kit

NFBFMB20 NF Kit

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



NQODBFMB20 NQ Kit



NFBFMB20 NF Kit



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).

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