

Instruction Bulletin for SECALKMPNW

Traverse Arm Alignment Plate for Masterpact NW Wide-Construction Cradles

Retain for future use.

Kit Contents

A. Traverse Arm Alignment Plate Assy., Left (1)

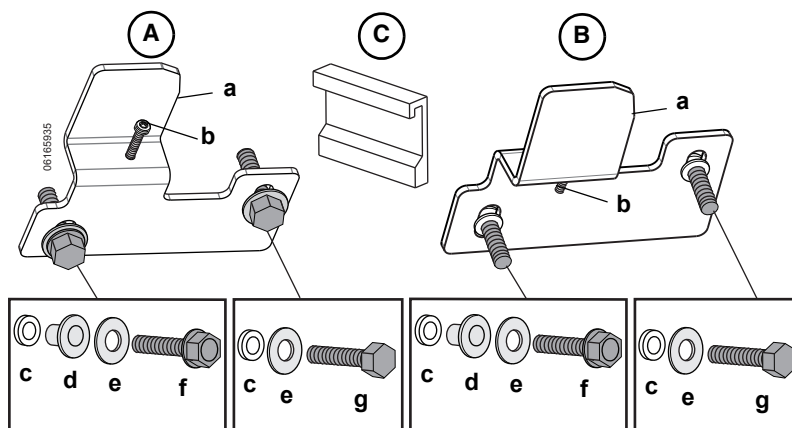
- a. Alignment Plate
- b. Set Screw
- c. Nylon Retainer
- d. Shoulder Washer
- e. Metal washer
- f. Trilobular Screw, 30 mm
- g. Machine screw, 25 mm

B. Traverse Arm Alignment Plate Assy., Right (1)

- a. Alignment Plate
- b. Set Screw
- c. Nylon Retainer
- d. Shoulder Washer
- e. Metal washer
- f. Trilobular Screw, 30 mm
- g. Machine screw, 25 mm

C. Traverse Alignment Spacer (1)

D. Mobilith 100 Grease (Not Shown)



Tools Required

1. Socket Driver, M10; or Wrench
2. Torx® T-30 Screwdriver
3. Allen Head Wrench, M3

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.

Installation

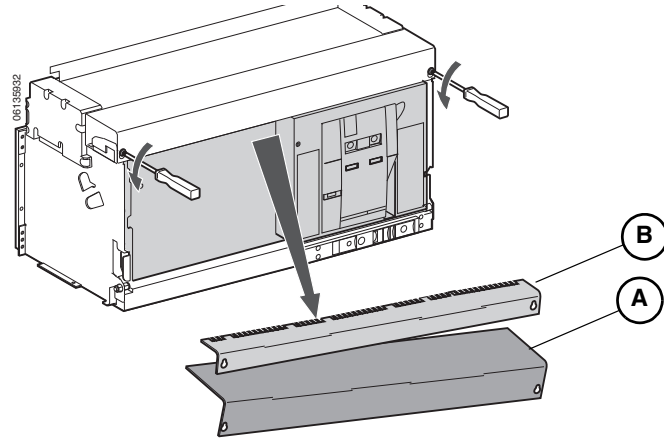
Prepare Circuit Breaker

1. Turn off all power supplying this equipment before working on or inside equipment. Follow all lockout/tagout procedures to ensure the equipment state is controlled.
2. Place the circuit breaker in the TEST position as directed in the circuit breaker instruction bulletin shipped with the circuit breaker.

NOTE: There will be no terminal cover (A) for circuit breakers with ring terminal connectors.

3. Remove terminal cover (A), if installed.
4. Remove wiring cover (B).

Figure 1: Remove Covers



Install Plates

Install Left Traverse Arm Alignment Plate:

1. Remove two screws (C) from left side of circuit breaker using Torx T-30 screwdriver. Discard screws.
2. Place Traverse Alignment Spacer in opening on side plate of cradle (D), push spacer toward the front of the cradle so it is against the edge of the opening in the side plate.

Figure 2: Remove Existing Screw

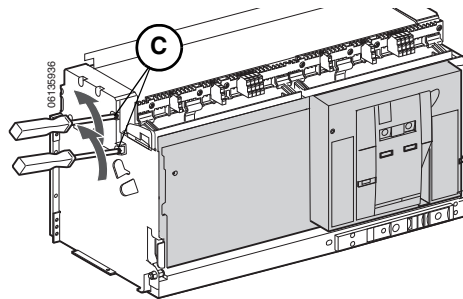
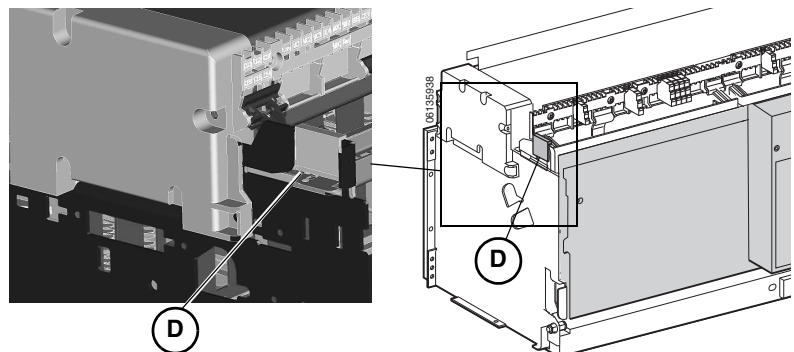
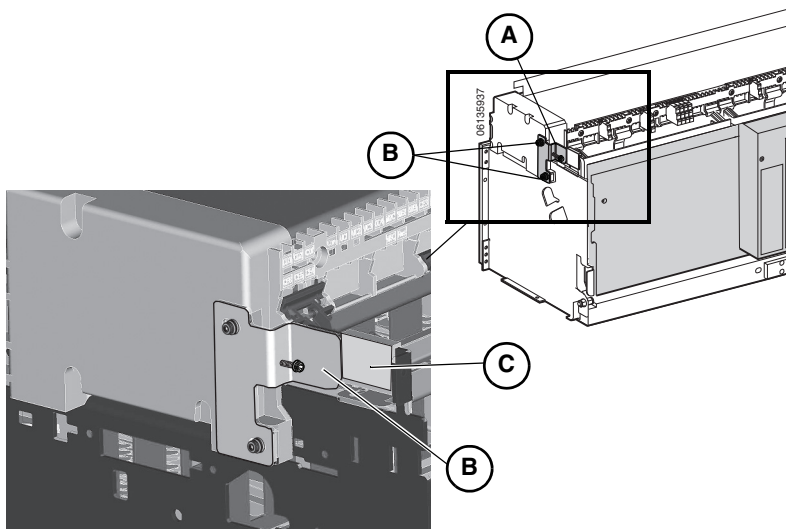


Figure 3: Install Spacer



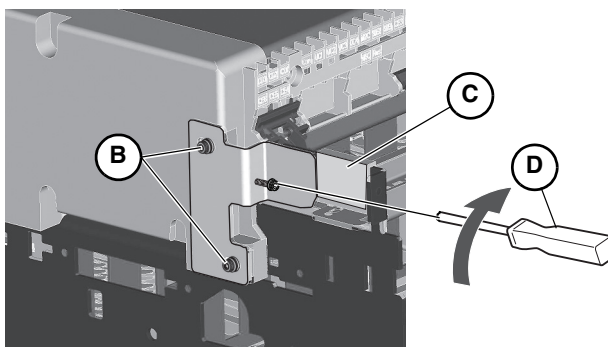
3. Secure Left Traverse Arm Alignment Plate:
 - a. Secure Traverse Arm Alignment Plate (A) to cradle, finger tightening both bolts (B) so plate can be aligned.
 - b. Slide Traverse Arm Alignment Plate (B) against Traverse Alignment Spacer (C).

Figure 4: Install Plate



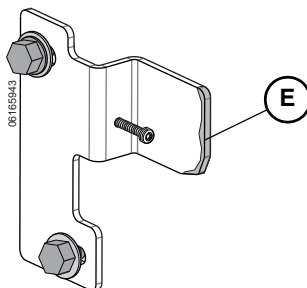
4. Tighten set screw (D) in Traverse Arm Alignment Plate. Finger tighten until firmly seated.
5. Tighten bolts (B) to 53 lb-in (6 N•m) using an M10 socket drive.
6. Remove and save Traverse Alignment Spacer (C).

Figure 5: Install Set Screw



7. Apply Mobilith 100 grease to bearing edge of Travers Arm Alignment Plate (E).

Figure 6: Apply Grease



Install Right Traverse Arm Alignment Plate following steps 1–7 above.

Check Alignment

1. Rack the circuit breaker to the DISCONNECT position as directed in the circuit breaker instruction bulletin shipped with the circuit breaker.
2. Inspect all secondary connectors and replace any that are damaged or broken.
3. Move the circuit breaker to the fully WITHDRAWN position as directed in the circuit breaker instruction bulletin shipped with the circuit breaker.
4. Place the circuit breaker in the DISCONNECT position as directed in the circuit breaker instruction bulletin shipped with the circuit breaker.
5. Rack circuit breaker to TEST position as directed in the circuit breaker instruction bulletin shipped with the circuit breaker.
6. Verify secondary connectors properly engage.
7. Rack circuit breaker to CONNECT position, then to DISCONNECT position as directed in the circuit breaker instruction bulletin shipped with the circuit breaker.
8. Rack circuit breaker to TEST position again.
9. Verify secondary connectors properly engage.

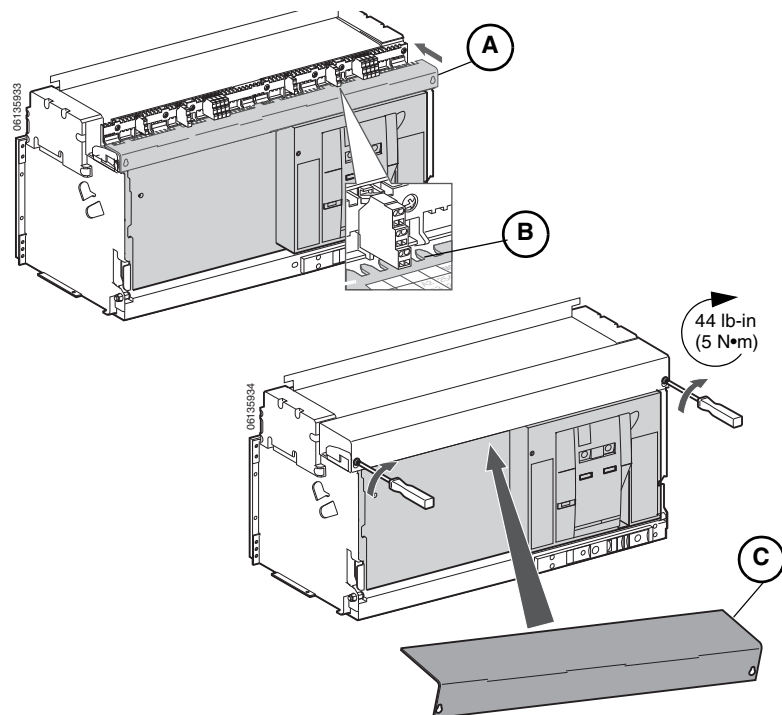
Complete Installation

1. Replace wiring cover (A), sliding the top under the installed connectors (B).

NOTE: Do not use terminal cover for circuit breakers with ring terminal connectors.

2. For circuit breakers with push-in connectors: replace terminal cover (C).
3. Rack the circuit breaker to the CONNECTED position as directed in the circuit breaker instruction bulletin shipped with the circuit breaker.

Figure 7: Replace Covers



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