

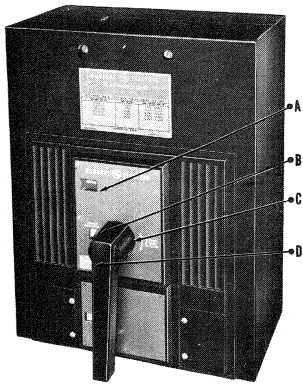
S-2000 and S-2500 Molded Case Circuit Breakers 2- and 3-Pole

Installation of Trip Units — Terminal Stubs

IMPORTANT: Circuit Breaker and Components should be handled, inspected, installed or removed by qualified personnel only and in accordance with these Instructions and accepted safety precautions. If any parts appear to be missing, contact local distributor, field representative or factory for part. It is important that only factory parts be used with breaker and accessories.

DESCRIPTION:

The S-2000 and S-2500 circuit breakers are designed to open an electrical circuit under normal or abnormal conditions without injury to itself when applied within its interrupting capabilities.



Listed and shown below are several features of this device.

- (A) Open-Closed Indication — Green (Open), Red (Closed).
- (B) Charge Indicator — Gives visual indication of the “charge” position of the rotary handle. 0, 1, 2 or 3; 3 indicates imminent closing.
- (C) Rotary Handle — Three successive 120° rotations of handle close the breaker.
- (D) Manual Trip — Push trip button for instant opening of breaker contacts.

IMPORTANT: Must use trip button to open breaker. Rotary handle will not open the breaker to the “off” position.

Replacement trip unit Kit includes the trip unit and all necessary mounting hardware. Trip units are non-interchangeable between the S-2000 and S-2500 circuit breaker frames.

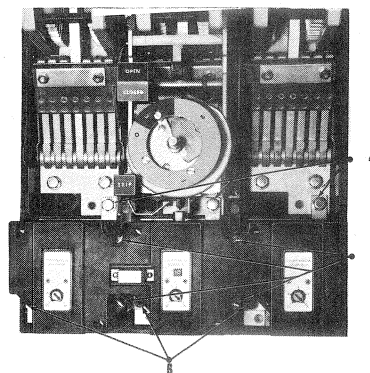
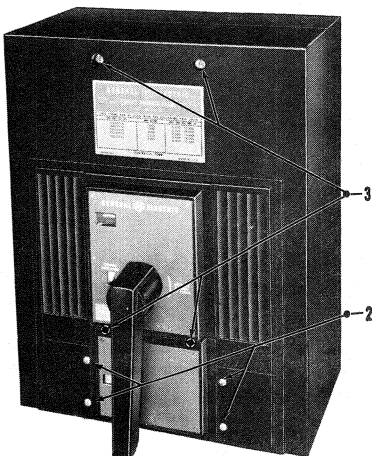
TRIP UNIT INSTALLATION

CAUTION: Check designated trip unit and frame catalog numbers to be sure unit can be used in frame.

- (1) Manually trip breaker.
- (2) Remove escutcheon plate from breaker by unscrewing four plate screws.
- (3) Remove cover from breaker by unscrewing four cover screws.

- (4) Insert Hex-head screws with lockwasher and plain washer into line-conductor holes of the trip unit.

- (5) Place the trip unit in the breaker frame and put Hex-head screws in, but do not tighten.
- (6) Insert and fasten Allen-head screws with lockwasher and plain washer into load-conductor holes of the trip unit.
- (7) Now tighten Allen- and Hex-head screws securely. Tighten to a minimum torque of 100 in. lbs.
- (8) Insert and fasten securely round-head mounting screws.
- (9) Replace and secure the breaker frame cover and escutcheon plate.



NOTE: When replacing breaker cover line up interface barrier so that they will enter slots in breaker cover and check to be sure that position of handle and shaft agree.

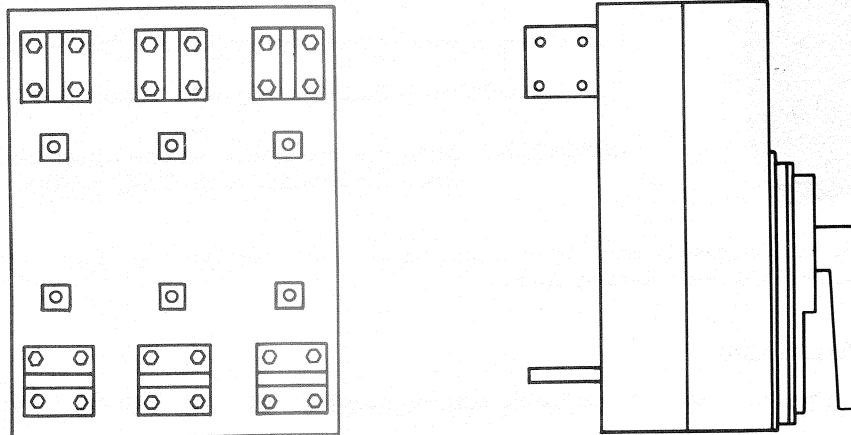
REMOVAL OF TRIP UNIT

- (1) **IMPORTANT SAFETY PRECAUTION** — Manually trip breaker.
- (2) Reverse procedure for installing Trip unit.

INSTALLATION OF TERMINAL STUBS

Terminal stubs which mount to the line and load straps are furnished with the complete breaker and either bus bars or lug assemblies, which are not furnished, may be connected to them. The stubs are symmetrical and may be rotated 90° for vertical or horizontal position. If installation requires terminal stubs different from those furnished, consult factory for pertinent information before proceeding to manufacture and install them.

- (1) Using an industry accepted solvent remove any dirt or other foreign material from the line and load strap surfaces and the corresponding surfaces of terminal stubs.
- (2) Place terminal stubs in desired position and align mounting holes.
- (3) Insert and fasten securely the four Hex-head screws and washers for each terminal stub. Use a minimum torque of 100 in. lbs. for fastening securely.



Stubs may be rotated 90° (see above)
for vertical or horizontal positions.

These instructions do not purport to cover all details or variations in equipment nor to provide for every possible contingency to be met in connection with installation, operation or maintenance. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's purposes, the matter should be referred to the General Electric Company.

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