



GEH3429

# Neutral Kit

TNI67 AND TNI68A



Hazards of electrical shock or burn! Turn off power before working inside this equipment.

### Used with:

800 and 1200 Ampere Heavy and General Duty Switches.

### Description:

These devices Cat. No. TNI67 and TNI68A are UL listed for use as insulated groundable neutrals and may be field-installed.

### Kit Contents:

1. One (1) Neutral assembly
2. Two (2) 3/8"-16 X 3/4" Mtg. bolts and lock washers
3. One (1) Neutral bonding lug
4. One (1) 5/16"-18" screw, lock washer and nut for mounting bonding lug

### Installation:

On the 800 and 1200Amp switch bases are mounted one or more 3" X 5-5/8" steel plates. The neutral assembly in this kit is to be attached to one of these plates with the enclosed 3/8"-16" bolts and lock washers. (Fig. 1).

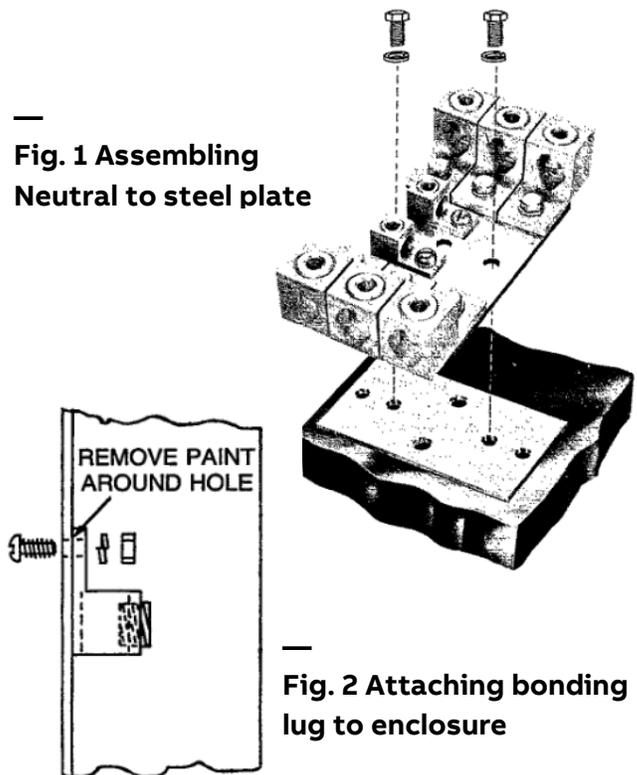
When More than one plate is mounted on the base, use the plate which best satisfies your wiring requirements.

### Bonding Lug:

If it is necessary to bond the enclosure to the neutral, drill an 11/32" diameter hole through the enclosure at some convenient location.

**Remove enough paint around the hole to ensure good electrical contact between the enclosure and the bonding lug.**

Attach the lug with the 5/16"-18" screw, lock washer and nut (Fig. 2). Then run a piece of appropriately sized wire from the bonding lug to one of the #6-250 MCM lugs on the neutral assembly.



**Fig. 1 Assembling Neutral to steel plate**

**Fig. 2 Attaching bonding lug to enclosure**