

80292006-i - Transformer Reinforcement Kit Installation Instructions

Tools Required:

- Welding vise grip clamp (or "C" clamp)
- 5/16" Drill bit
- Drill
- 1/2" Socket and ratchet
- 1/2" End wrench

Notes:

- ① Refer to kit part # 80292006 for the complete bill of materials supplied.



80292006 KIT AS INSTALLED

IMPORTANT:

- **Read and understand the Safety and De-energization Procedure TP-606 before starting this procedure.**
- **Read and understand these instructions completely before starting this procedure.**

⚠ DANGER

FAILURE TO DISCONNECT ELECTRICAL POWER TO THE BATTERY EXTRACTOR (BE) PRIOR TO SERVICE COULD RESULT IN ELECTRICAL SHOCK. SERIOUS PERSONAL INJURY OR DEATH WILL OCCUR.

Procedure:

1. Lockout/tagout the BE per your corporate policy.
2. De-energize the BE per BHS Safety and De-energization procedure TP-606.
3. Place the transformer reinforcement strap over the upper section of the transformer and clamp into place. See Figure 1.



FIGURE 1

4. Match drill the holes of the reinforcement strap

NOTE:

- ① *Be sure to drill accurately through the tube for the right side of the reinforcement strap. Do not allow the drill bit to "walk" when drilling the second side of the rail as the holes through the tube may not properly align and improper setting of bolt will occur.*

5. Install the 5/16-18 X 1 1/4" bolt and (2) 5/16 flat washers into the left side of the reinforcement strap. Install (1) 5/16 lock washer and (1) 5/16-18 nut. Tighten hardware. See Figure 2.



FIGURE 2

6. Install the 5/16-18 x 2-1/2" bolt (2) 5/16 washers, (1) 5/16 lock washer, and (1) 5/16-18 nut through the other side of the reinforcement strap. Tighten hardware. See Figure 3.



FIGURE 3