

# **Installation Instructions** **ReliaGear® lighting panelboards**

Delta high leg B-phase conversions

## **ABB ReliaGear lighting panelboards**

**Step 1:** Remove quantity (3) A and C phase. See Figure 1.

**Step 2:** Remove quantity (1) 3X base. See Figure 2.

**Step 3:** Add B-phase strap using (1) 1/4 x 20 screw removed from A or C strap

• APHBQ strap kit B-phase bolt-on THQB/TEY

• APHBL strap kit B-phase plug-on THQL

**Step 4:** Torque B-phase strap screw 40-44 inch pounds

**Step 5:** Replace 3X base. See Figure 4

**Step 6:** Replace A and C phase straps using 1/4 x 20 screws. See Figure 4.

**Step 7:** Torque A and C phase strap screws to 40-44 inch pounds

**Note:** All 3 pole breakers must be phased A/B/C top to bottom and left to right when looking at the panel. If there are 2 connection straps next to each other on the same phase after installation, relocate the remaining straps so no 2 adjacent straps are on the same phase.

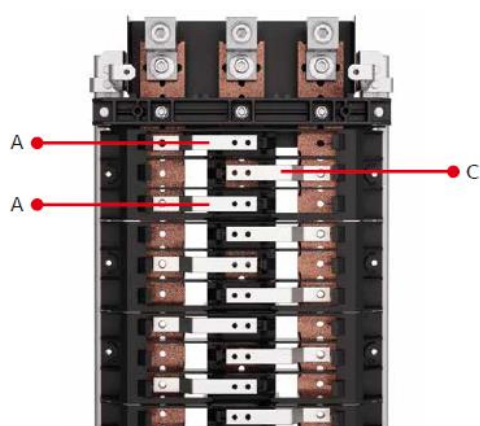


Figure 1. Step 1

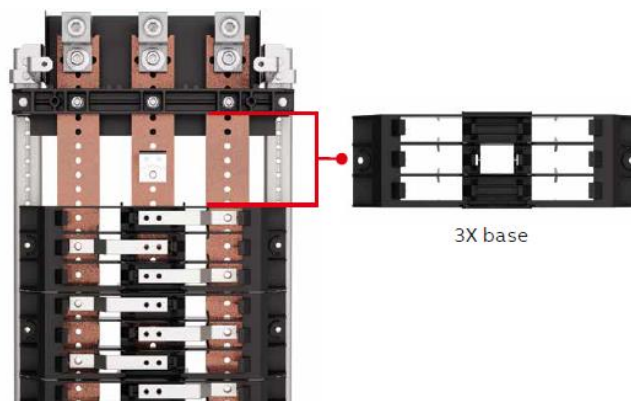


Figure 2. Step 2

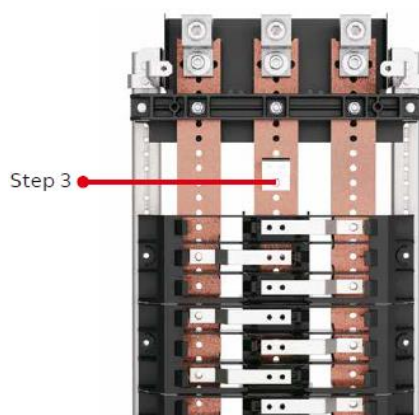


Figure 3.

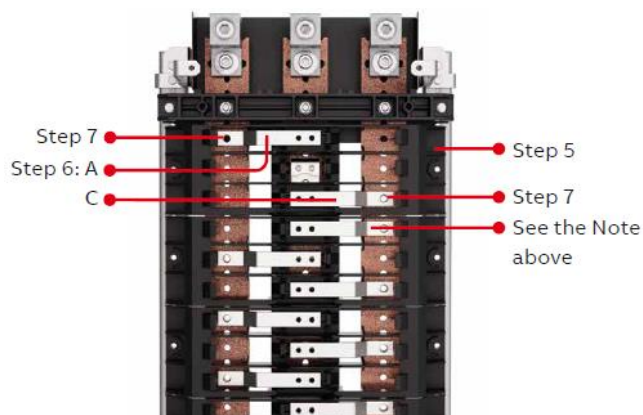


Figure 4.

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