

**STEP 2
Removing Cover**

Remove breaker cover by removing cover screws as shown in Figure 3. Tar must be removed and discarded to gain access to screw.

Remove and save plastic handle and shutter.
Push trip bar towards load end to trip mechanism.

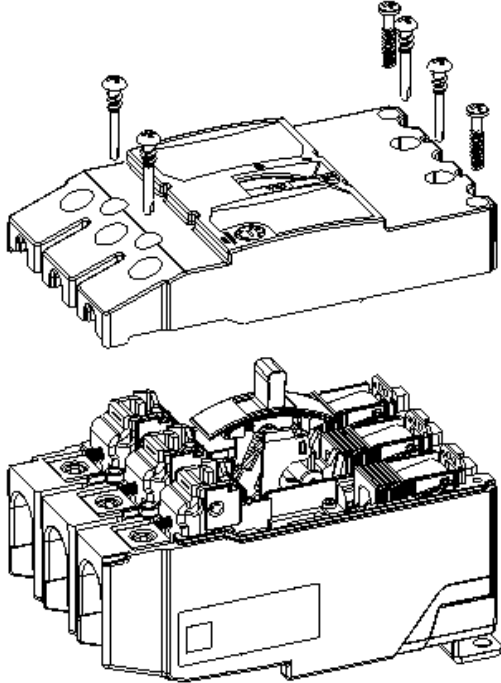


Figure 3.

**STEP 3
Cover Modification for Wire Exiting**

Perform cover modification as shown in Figure 4. Remove all debris.

LOAD
END

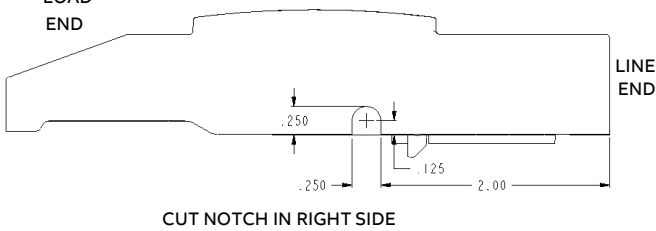


Figure 4a. Side View of Breaker Cover

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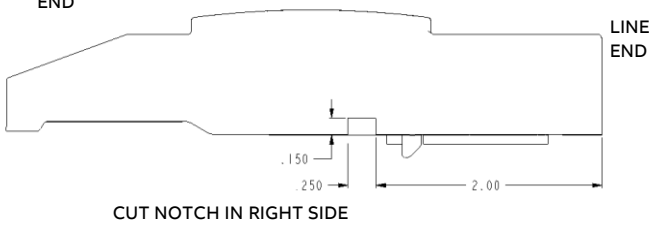


Figure 4b. Side View of Breaker Cover

**STEP 4
Installation**

Drop down the Shunt Trip Device in the base right pole as shown Figure 5.

Be absolutely sure to reinstall parts in their proper location which are accidentally removed from the breaker.

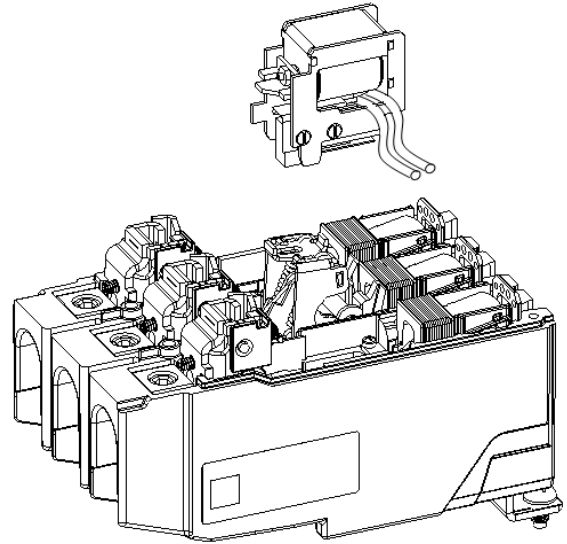


Figure 5.

**STEP 5
Reinstalling Cover**

Reinstall plastic breaker handle and shutter.
Position the wires to match the wire exiting hole in the cover as shown in Figure 6.

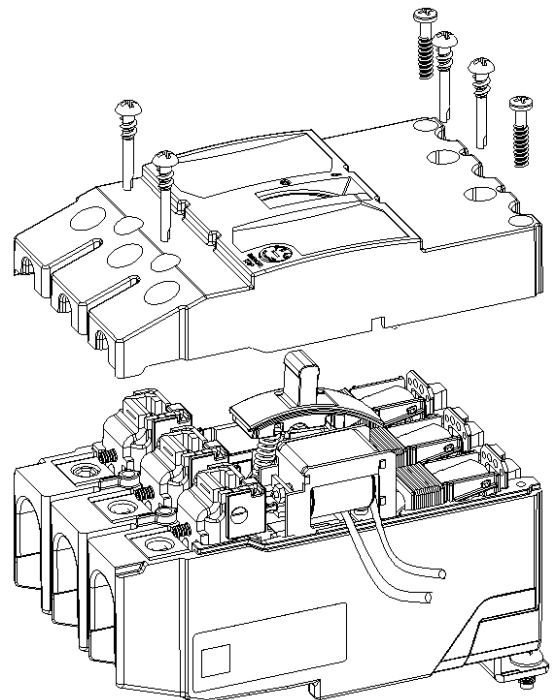


Figure 6.

Make sure no wires are pinched in the routing. Wires must pass through the cover notch as shown in Figure 7. Make sure the cover is properly seated and tighten the four inner cover mounting screws to torque value of 12-15 Lb-in and two outer mounting screws to 18-22 Lb-in.

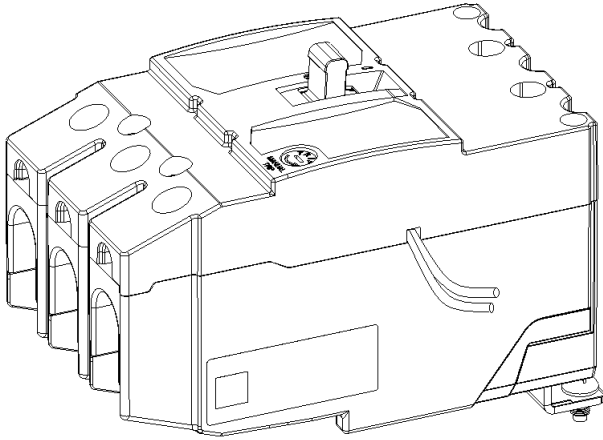


Figure 7.

**STEP 6
PERFORMANCE
CHECK**

1. Close breaker contacts.
2. Apply 70% of rated voltage for the device. Breaker must trip.
3. Check continuity of shunt trip. In “TRIPPED” or “OFF” position shunt trip coil should show open.

**STEP 7
LOCATION OF
LABELS**

**Rating Label
Location**

1. Paste the Rating Label on the Base as shown in the Figure 8.
2. Tick the respective Voltage Rating in the check Box provided in the rating label to be offered to Customer

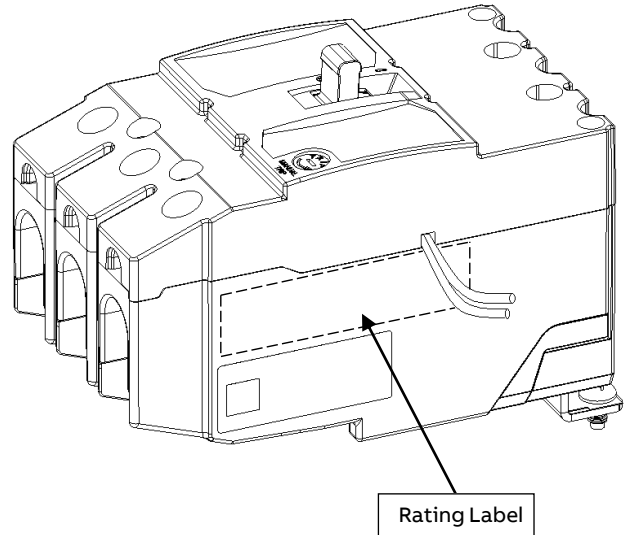
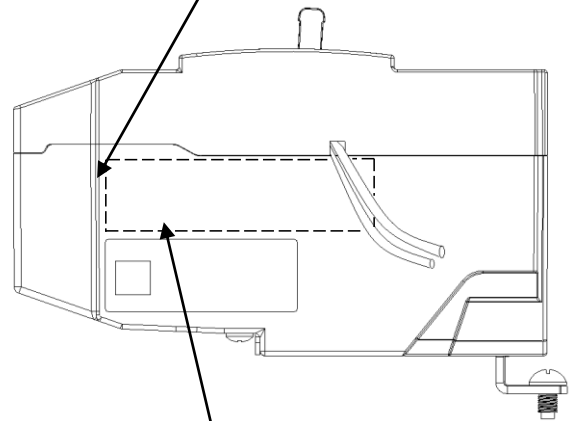


Figure 8.

Align vertical edge of the Rating Label with the Base vertical edge reference



Align horizontal bottom edge of Rating Label with the barcode label top edge

Figure 8.

These instructions do not purport to cover all details or variations in equipment nor, to provide 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 ABB.