

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

APPLICATION

For replacement of flange gasket for EBM, EBMX, EJB and power panelboard enclosures. For application, installation and maintenance, please reference instruction sheets provided with enclosure.



INSTALLATION

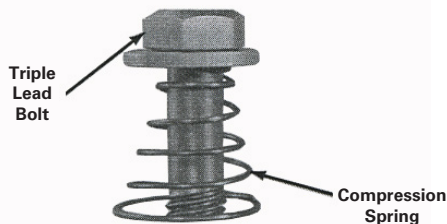
⚠ WARNING

To provide protection against fire or shock hazard, the electrical power must be OFF before and during installation and maintenance.

1. OPENING COVER

For the EBMX Series, refer to IF 1794 for instructions on opening the clamped enclosure.

The EBM, EJB and power panelboards are furnished with captive triple lead bolts that utilize a spring to aid and indicate full retraction of the bolts into the cover when opening and closing. Make sure all cover bolts are fully retracted into the cover before attempting to open or close the cover.



**COVER BOLT
FIGURE 1**

When bolts are disengaged from the body flange threads, the bolts will withdraw and be held in this position by the spring and washer under the bolt heads (see Figure 1).

After all bolts are fully disengaged, firmly grasp the bottom and right side of the cover and carefully swing cover aside. To prevent damage to the ground joint surface, avoid striking cover, or devices in cover, on neighboring enclosures or structures.

⚠ CAUTION

DO NOT USE METAL OR ABRASIVE MATERIALS TO REMOVE GASKET. Hammers or prying tools must not be allowed to damage the flat joint surfaces. Do not handle cover roughly, or, if removed, do not place it on surfaces that might damage or scratch the flat ground joint surfaces. Be extremely careful to prevent damage to flame path.

2. Ensure flame path is protected/covered during assembly.

⚠ CAUTION

Do not set sharp tools, abrasive materials or other items on the flame path during any part of assembly.

3. REMOVAL OF OLD GASKET

To remove old gasket, use a gasket remover solvent, such as Permatex, in conjunction with a plastic scraper and a rag. This will ensure the aluminum is not scratched during removal of the gasket material. Be sure to follow all manufacturer's instructions for the gasket remover.

Apply gasket remover to material and allow gasket remover to sit on gasket for 30-45 minutes.

Slide the flat end of the plastic scraper under the gasket material and use small, short strokes to lift the gasket material from the flange. Wipe accumulated gasket material from the scraper with a rag.

Scrape the flange until no large pieces of gasket remain on it.

Apply additional gasket remover to the gasket flange. Allow the remover to sit on the flange for another 30 to 45 minutes.

Wipe the remaining material and/or adhesive from the gasket flange with a rag. Inspect the gasket flange. Repeat the process of applying and wiping the flange until no sign of the gasket material remains on the flange.

Be sure gasket area is clean of all glue and debris.



4. To apply gasket, flat end of gasket is to be facing down (see image above). Use an adhesive such as Locktite #41045 or similar. Cut joint of gasket must be at bottom of cover in the center. Use adhesive to adhere cut ends together.

⚠ CAUTION

Be very careful not to touch glue to flame path during assembly. This would compromise the explosionproof properties of the product.

Gasket material must not overlap in any area.

⚠ WARNING

Customer is solely responsible for unit after field modification, thus voiding manufacturer's warranty.

5. CLOSING COVER

For the EBMX Series, refer to IF 1794 for instructions on closing the clamped enclosure.

⚠ CAUTION

Clean both ground joint surfaces of body and cover before closing. Dirt or foreign material must not accumulate on flat ground joint surfaces. Surfaces must seat fully against each other to provide a proper explosionproof seal.

Make sure all cover bolts are fully retracted into cover before closing cover on body. Close cover and start cover bolts threads by hand. Torque all cover bolts securely to 40-45 ft.-lbs.

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