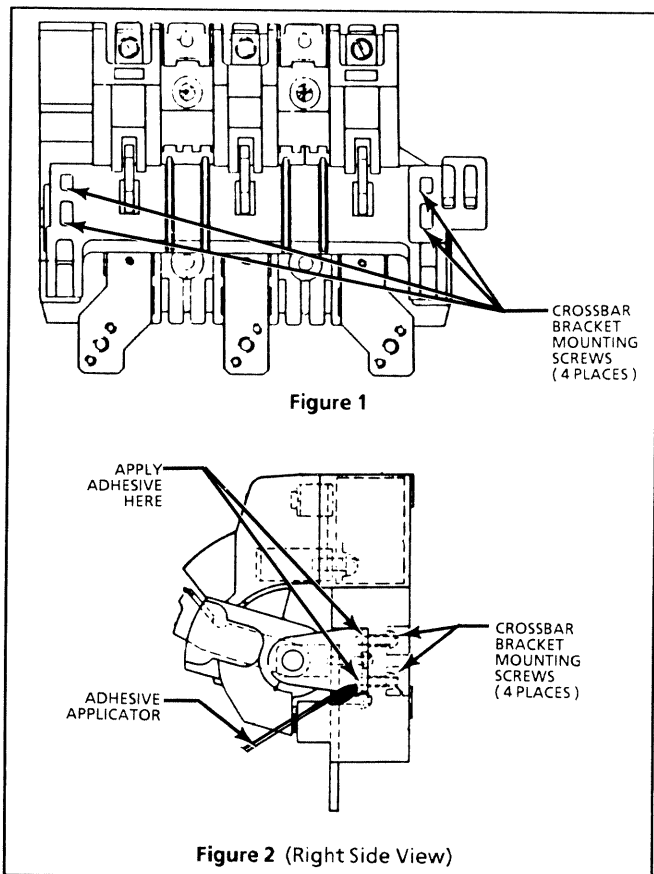


Used when Crossbar Mounting Brackets are Tight - For Applying Adhesive to Disconnect Switch Crossbar Bracket Mounting Screws



WARNING: To avoid hazards of electrical shock, it is recommended that all power to the panel be removed before proceeding. If the decision is made to not disconnect the power to the line side of the disconnect switch, make sure the disconnect switch handle is in the "Off" position and the line terminal shield is in place. Auxiliary contacts commonly control separate sources of power. Use extreme caution to avoid electrical shock from the line terminals or any other separate source of power that exists in the panel. The procedure outlined in this sheet should only be performed by qualified personnel familiar with the operation of the equipment in which the switch is installed.

NOTES - This instruction sheet is intended for use with disconnect switches where the crossbar mounting brackets are not loose. Observe the crossbar mounting brackets while wiggling the crossbar to determine if the mounting brackets are loose. If either bracket is loose, order and use bracket/screw switch

replacement kit, Catalog Number 1494F-N15 for 30A and 60A switches; Catalog Number 1494F-N16 for 100A switches; and, Catalog Number 1494F-N17 for 200A switches.

The following commonly available adhesives have been identified for use on the crossbar mounting bracket screws:

Permabond® 102	Eastman® 910
Permabond® 105	Loctite® 495
Permabond® 130	Scotch-Weld® CA4
Permabond® 910	

When selecting the adhesive, it is recommended that a suitable solvent be obtained for clean up purposes.

Cotton swab adhesive applicators (20 per kit) are available from Allen-Bradley, order kit Catalog Number 1494F-N18. If none of the adhesives listed are available at your facility or available in your area, contact your Allen-Bradley Sales Office.

INSTRUCTIONS -

1. Turn the operating handle to the "Off" position.
2. Locate the four crossbar bracket mounting screws shown in Figures 1 and 2. Determine where the adhesive will be applied on the screw threads.
3. On installations where the end of the screw threads are covered with a foreign material (e.g. dust, oil, etc.), clean the area with a cotton swab and Isopropyl alcohol. Allow time for the cleaner to dry.
4. See Figure 2 for the proper orientation of the cotton swab adhesive applicator. It shows how to obtain access to the end of the crossbar bracket mounting screws.
5. Dip the tip of the applicator into the adhesive.
6. Apply adhesive to the screw threads extending through the crossbar mounting bracket. Be sure the adhesive comes in contact with the bracket.
7. Repeat Step 6 for the remaining three crossbar mounting screws.



CAUTION: When applying cleaners and/or adhesive, wear eye protection and gloves and be careful not to get the cleaner or adhesive on other parts of the disconnect switch or on other components in the panel. Read cleaner and adhesive container instructions carefully and follow all recommendations.