

Installation Instructions

150TB-4

Deadbreak Bailing Assembly for Tee Connectors and In-Line Junctions

CONTENTS: *Stainless steel collars, Stainless steel strap, Installation Instructions.*

DANGER

All apparatus must be de-energized during installation or removal of part(s). For loadbreak products follow operating instructions. All deadbreak connectors must be de-energized before operating and must be mechanically secured with bails when connected.

All apparatus must be installed and operated in accordance with individual user, local, and national work rules. These instructions do not attempt to provide for every possible contingency.

Do not touch or move energized products by hand.

Excess distortion of the assembled product may result in its failure.

Contact with solvents, transformer oil, motor oil and similar substances will degrade jacket conductivity and insulation level if not immediately wiped off.

Inspect parts for damage, rating and compatibility with mating parts.

This product should be installed only by competent personnel trained in good safety practices involving high voltage electrical equipment. These instructions are not intended as a substitute for adequate training or experience in such safety practices.

Failure to follow these instructions will result in damage to the product and serious or fatal injury.

If this product is supplied with a protective shipping cover(s), remove this shipping cover(s) and replace with the appropriate HV insulated cap(s) or connector(s) before submerging or energizing the circuit.

FOR MORE INFORMATION ON PARTS, INSTALLATION RATINGS AND COMPATIBILITY, CALL THE NEAREST ELASTIMOLD OFFICE.

IMPORTANT

1. Check contents of package to insure they are complete and undamaged.
2. Check all components to insure proper fit with cable and/or mating products.
3. Read entire installation instructions before starting.
4. Have all required tools at hand and maintain cleanliness throughout the procedure.

**ELASTIMOLD**

Esna Park Drive, Hackettstown, New Jersey 07840 USA

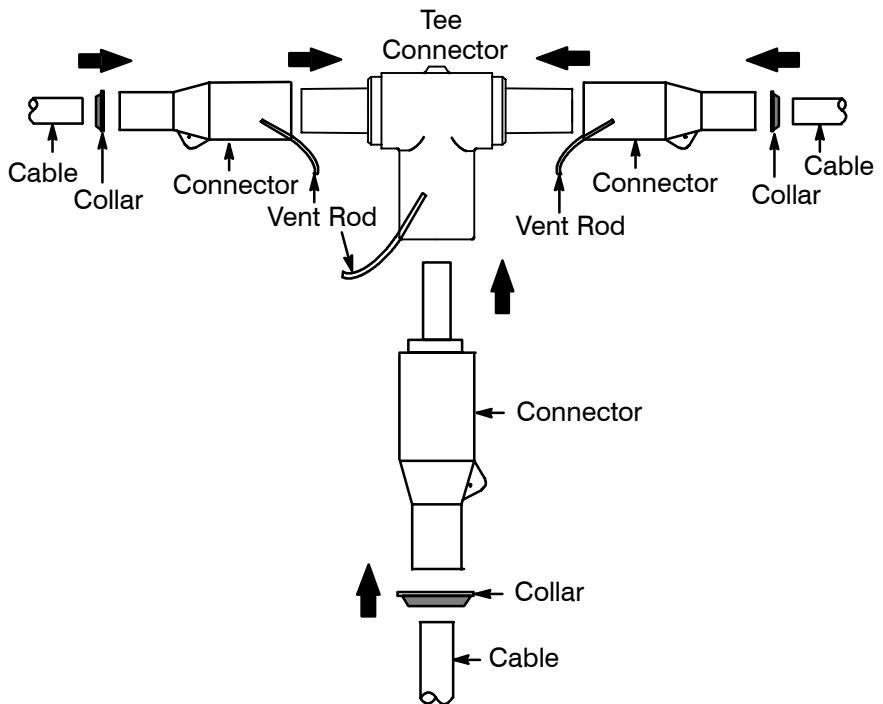
(908)852-1122 FAX: (908)813-2147

A Unit of Thomas & Betts Corporation

FOR 150T or K150T TEE CONNECTOR

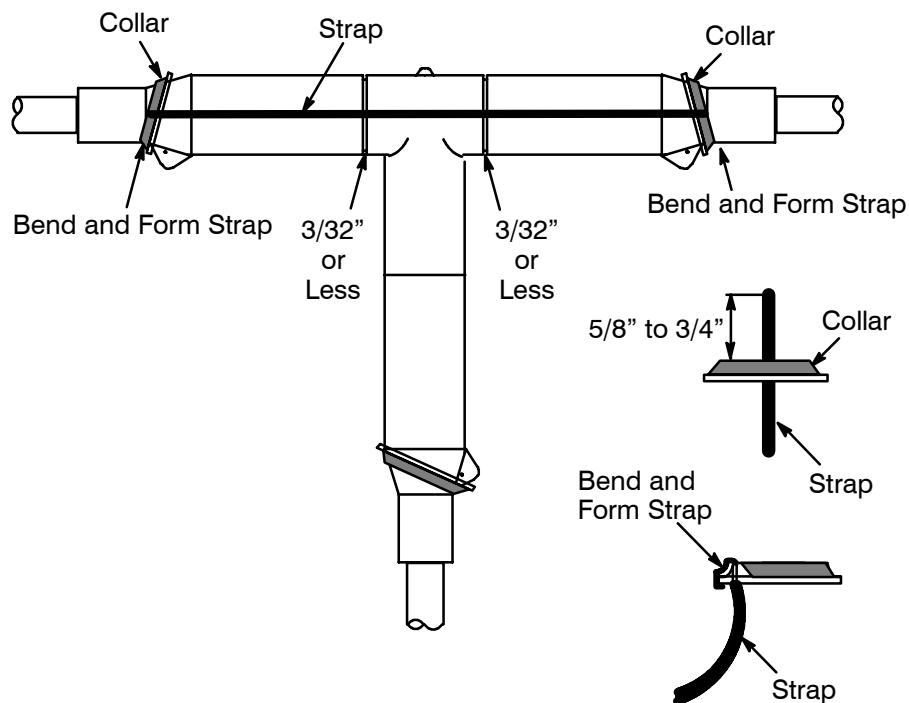
STEP 1

Prepare the cables according to the installation instructions packed with the ELASTIMOLD connectors. Slip a collar, large end first, onto each connector. Now, Install the cables into the connector and mate the connectors to the tee connector. Use a vent rod when mating each interface. Vent rods are supplied with the mating connectors.



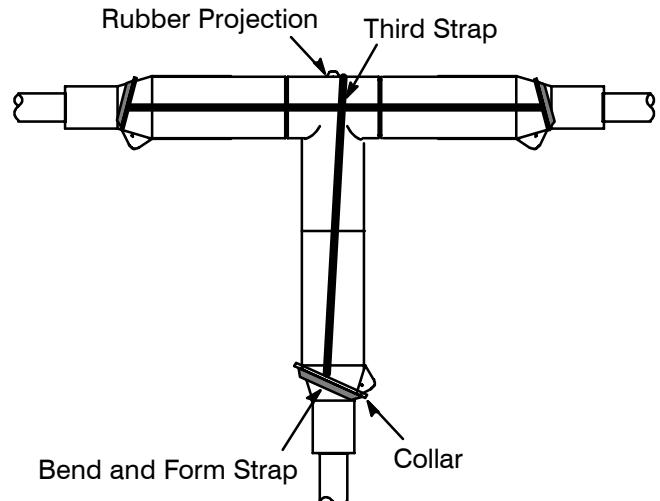
STEP 2

- A.) A gap of $3/32"$ (2.4 mm) or less between the skirts of the connectors and the recess of the tee connector assures proper installation.
- B.) Unfold the three straps being careful not to kink them. Slip two straps, one on each side, under the two collars on the assembled tee splice run. Allow $5/8"$ (15.9 mm) to $3/4"$ (19.1 mm) of one strap to extend through the collar. Now, using pliers, bend and form the straps around the collar as illustrated at the right. Follow the same procedure for the second strap on the same collar. Push this assembly tight against the connector.
- C.) Push the opposite collar tight against the opposite connector. Pull both straps toward the opposite collar to assure a tight assembly. Cut off the strap $5/8"$ (15.9 mm) to $3/4"$ (19.1 mm) past the collar. Bend and form each of these straps around the collar as previously instructed in step 2B.



STEP 3

Slip one end of the third strap under the collar located on the tap leg of the tee splice assembly. As previously instructed, bend and form the strap around the collar. Push the collar tight against the connector. Now, bend the strap around the tee connector, over the previously installed straps, and slip it through the opposite side of the collar. Cut the strap $5/8"$ (15,9 mm) to $3/4"$ (19,1 mm) past the collar. Note that the strap will have to be placed to one side of the rubber projection on the tee connector. To assure a tight assembly, pull the straps towards the tee connector and follow the previous procedure used for securing the strap to the collar.

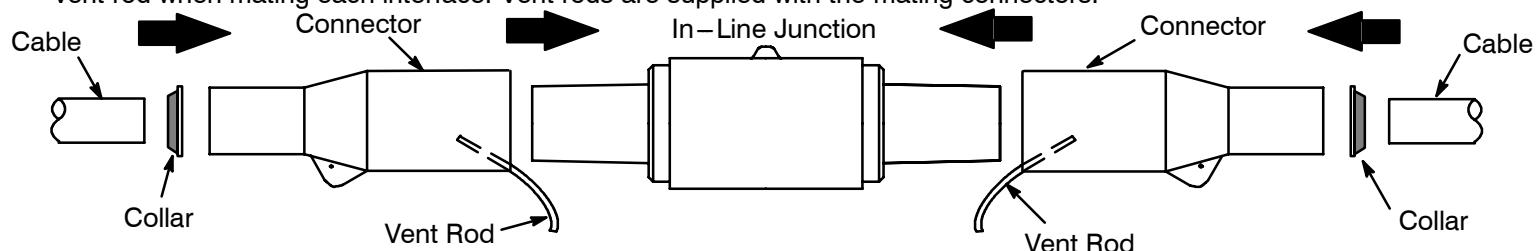


FOR 150S or K150S IN-LINE JUNCTIONS

For the 150S/K150S, only two of the three straps included in the assembly package are used.

STEP 1

Prepare the cables according to the installation instructions packed with the ELASTIMOLD connectors. Slip a collar, large end first, onto each connector. Now, install the cables into the connectors and mate the connectors to the in-line junction. Use a vent rod when mating each interface. Vent rods are supplied with the mating connectors.



STEP 2

- A gap of $3/32"$ (2,4 mm) or less between the skirts of the connectors and the recess of the in-line junction assures proper installation.
- Unfold the two straps being careful not to kink them. Slip two straps, one on each side, under the two collars on the assembled splice run. Allow $5/8"$ (15,9 mm) to $3/4"$ (19,1 mm) of one strap to extend through the collar. Now, using pliers, bend and form the straps around the collar as illustrated below. Follow the same procedure for the second strap on the same collar. Push this assembly tight against the connector.
- Push the opposite collar tight against the opposite connector. Pull both straps toward the opposite collar to assure a tight assembly. Cut off the straps $5/8"$ (15,9 mm) to $3/4"$ (19,1 mm) past the collar. Bend and form each of these straps around the collar as previously instructed in step 2B.

