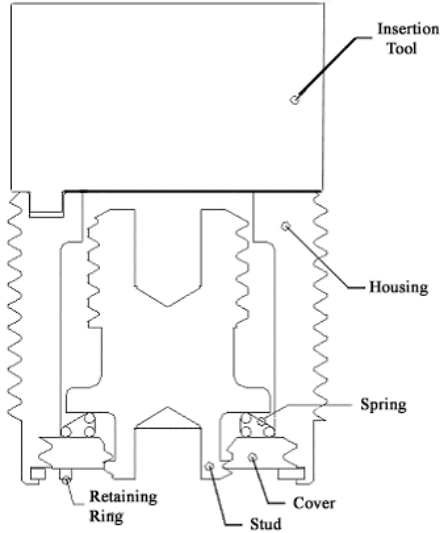


Depending upon the operating conditions, the work environment, and many other factors, Invert-A-Bolt™ (IVB) Fasteners may experience wear and occasionally require refurbishment. The refurbishment kit consists of the elements most likely to fail: the stud, the spring, and the cover. These instructions will provide the user with detailed information to dis-assemble the product and replace the worn components.

**NECESSARY TOOLS**

- Retaining Ring Pliers, Internal Snap Ring, tip size= .053"
- Hex Head Wrench
- Curve Nosed Pliers
- Wire Brush

Cross sectional view of fastener



**INSTALLATION INSTRUCTIONS**

**Access the side opposite the drive holes used with the insertion tool.**

1. Using the hex head wrench, screw the stud into the "engaged" position so that the stud is protruding out of the housing.
2. Using the .053" retaining ring pliers, remove the retaining ring in the base of the product.
3. Using the curve nosed pliers, grasp the edge of the hole in the center of the cover and turn counter-clockwise until cover is removed. Remove the contents.
4. Once dis-assembled, throw the stud, cover and spring away. Soak the housing in a cleaning solution. Use a wire brush (as required) to remove excess grit or grime.
5. Install the stud.
6. Install the spring with small end placed against the stud.
7. Hand-tighten the cover back into place. If necessary, use the curve nosed pliers, grasp the edge of the hole in the center of the cover, and turn clock-wise to screw the cover so that its face is past the retaining ring slot.
8. Install the retaining ring.

For additional support, call 1-877-462-BOLT or email [info@invert-a-bolt.com](mailto:info@invert-a-bolt.com).

**LIMITED WARRANTY**

We warrant that within 90 days from the date of shipment, if the product manufactured by us and sold by us (or an authorized distributor) is in the possession of the original buyer, we will replace or repair, at our option, free of charge, any part or parts which upon examination are found to be defective in workmanship or material, and not due to normal wear, provided that, upon our request, the product or parts thereof are returned to our location, with accompanying documentation that the product has been installed, used and maintained in accordance with instructions and has not been subject to abuse. We shall not be liable or responsible for any expense or liability for repairs, additions, or modifications made upon the product without our written consent.

This warranty is in lieu of all other express or implied warranties (including without limitation any warranty of merchantability or fitness for a particular purpose.) In no event shall we be liable for any indirect, special, or consequential damages (including, but not limited to, lost profits or other damages from loss of production) caused by defective material, or by unsatisfactory performance of the product, or by any other breach of contract by us.

The Elijah Tooling, Inc. Warranty shall apply in all cases to all products manufactured by us and sold by us. Elijah Tooling, Inc. reserves the right to modify or change the design of products shown in this specification/instruction sheet, without notice. Such modifications or changes may include, but are not limited to, changes in finish, materials, specifications, etc., from descriptions and illustrations of products listed herein.

Invert-A-Bolt™ P/N: AA03-015-001NRFB Refurbishment Kit



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