

CONTINENTAL NH3 PRODUCTS

INSTALLATION, OPERATION, REPAIR AND MAINTENANCE INSTRUCTIONS

PRODUCT SERIES: A-577-BLC, A-577-CLC

ATTENTION: Please follow all of the instruction in this manual carefully and read the entire manual completely, failure to do so may cause the product to function improperly or fail causing serious injury or death.

DANGER  **DANGER**

ANHYDROUS AMMONIA IS AN INHALATION HAZARD AND WILL CAUSE SERIOUS INJURY OR DEATH. PLEASE USE EXTREME CAUTION WHEN HANDLING IT OR PERFORMING ANY MAINTENANCE ON EQUIPMENT USED FOR ANHYDROUS AMMONIA.

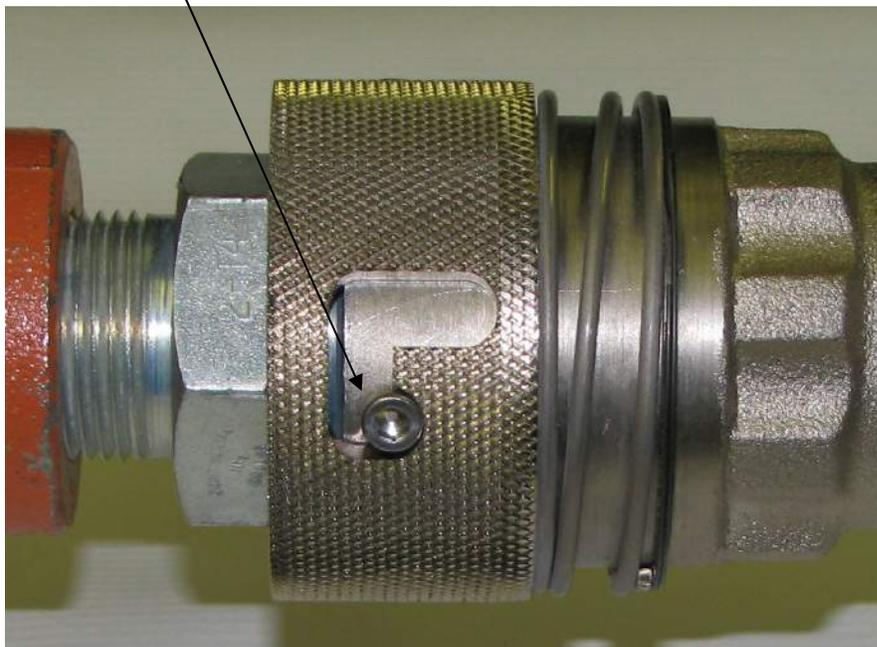
ATTENTION: Before performing any installation, repair or maintenance please follow the instructions below.

1. You must be certified to work with anhydrous ammonia. If you are not please seek out the appropriate agricultural department to attend a class to obtain the proper certification.
2. Wear appropriate safety goggles, gloves and breathing apparatuses.
3. Drain all tanks, hoses and piping of anhydrous ammonia COMPLETELY before removing, installing, performing maintenance or repairing any equipment.
4. Always remove device from service before performing any maintenance or repair
5. have sufficient water near by
6. Obey all local, state and federal laws regarding the handling of anhydrous ammonia

INSTALLATION & OPERATION

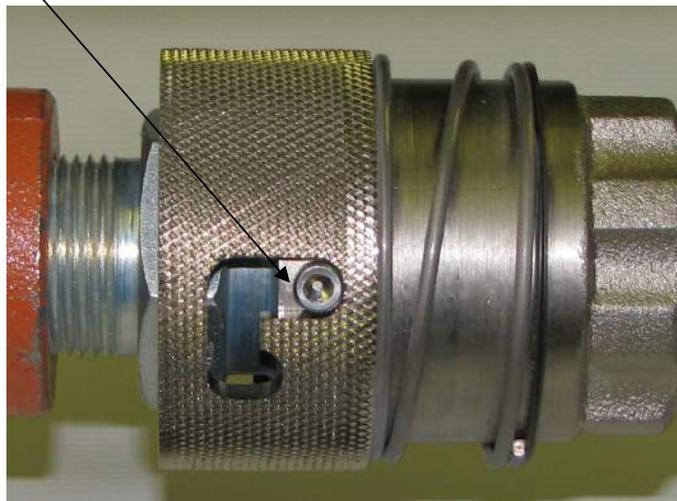
1. Put pipe thread sealant on the pipe thread and install coupling into appropriate connection and tighten firmly with wrench.
2. The locking collar is 100 percent compatible with Continental NH3's acme fittings and partially compatible with other manufactures. If you are going to use another manufacture please verify that it works with their adaptor before using it. Please make sure the hex part of the acme adaptor is in decent shape. If it's chewed up you will have to replace it with a new one.
3. To install the coupling verify the locking collar is the unlocked position as shown in the photo below. Then thread coupling onto acme fitting and tighten firmly.

Allen screw in unlocked position



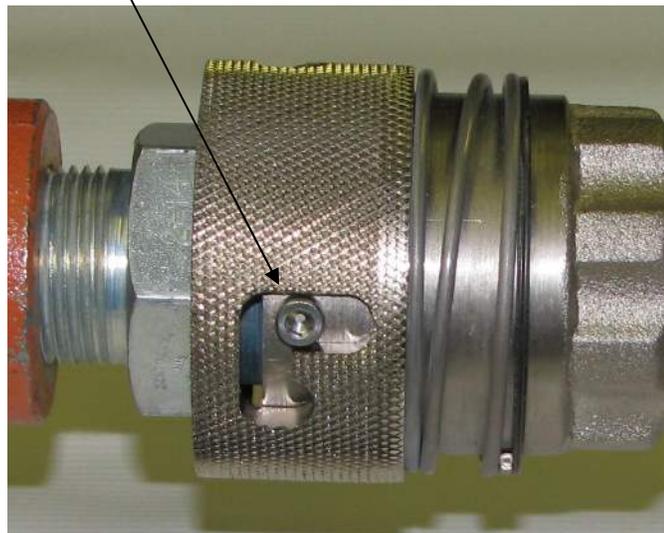
4. Grab the locking collar and pull it toward you and rotate it counter clockwise and release it so the spring can push it to the locked position as shown in the photo below. Make sure it's in this position before applying. If it doesn't fall directly into this position see step 5

Allen screw in locked position



5. If the locking collar doesn't fall directly into the locked position and it looks like the photo below slowly tighten the coupling until it falls into the locked position.

Allen screw in not in locking position



6. To remove the coupling grab the collar and pull it toward you then rotate it clockwise and release it and the spring will push it into the unlocked position as shown about in step 3. Make sure you have drained the connection completely before removing the coupling.

MAINTENANCE

1. Check coupling regularly for wear on the acme threads, locking collar and adaptor. Replace any part that is worn.
2. Check spring to make sure it's in good working condition. Replace if it is broken or worn out.
3. Check all three allen screws for wear and make sure they are all there and tight. If any are missing or worn replace them.
4. Check acme gasket for wear and leaks. Replace if leaking or worn out.
5. If a leak is form the pipe thread try tightening it. If leak continues replace coupling.

REPAIR

1. To replace the collar 577-6-LC remove the 3 allen screws 577-LC-1032x14ss and replace the collar with a new one and replace the allen screws and tighten firmly.
2. To replace spring 577-LC-Q103245 remove the 3 allen screws 577-lc-1032X14SS and collar 577-6-LC and replace the spring, collar and allen screws.
3. If the housing needs replacement please purchase a new coupling.

QUESTIONS CALL 800-537-5642