

IMPORTANT: KEEP THIS DOCUMENT WITH THE PRODUCT UNTIL IT REACHES THE END USER.

⚠️ WARNING

The A120MAN Fail Safe Remote Manual Release must be used for *ANHYDROUS AMMONIA APPLICATIONS ONLY*. DO NOT USE IN LPG/PROPANE SERVICE.

USER SAFETY RESPONSIBILITY STATEMENT FOR SQUIBB TAYLOR PRODUCTS

FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.

- This document and other information from Squibb Taylor and authorized distributors provide product or system options for further investigation by users having technical expertise.
- The user, through its own analysis and testing, is solely responsible for making the final selection of the system and components and assuring that all performance, endurance, maintenance, safety and warning requirements of the application are met. The user must analyze all aspects of the application, follow applicable industry standards, and follow the information concerning the product in the current product catalog and in any other materials provided from Squibb Taylor or authorized distributors.

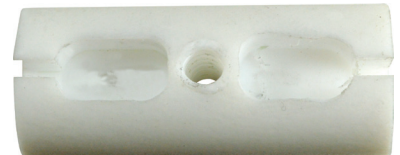
To the extent that Squibb Taylor or authorized distributors provide component or system options based upon data or specifications provided by the user, the user is responsible for determining that such data and specifications are suitable and sufficient for all applications and reasonably foreseeable uses of the components or systems.

Failure to follow these instructions or to properly install and maintain this equipment could result in personal injury or death. Equipment must be installed, operated and maintained in accordance with federal, state and local codes. The installation must also comply with NFPA No. 70 and ANSI K61.1, (CGA G-2.1) standards and/or local authority having jurisdiction. Only personnel trained in the proper procedures, codes, standards and regulations of the Anhydrous Ammonia industry shall install and service this equipment.

Scope of the Manual

This instruction manual covers the Replacement of the BAI for the A120MAN Manual Release for 1 1/4" (A120) & 1 1/2" (A125 & A15) internal valves manufactured by Marshall Excelsior Co. for outdoor Anhydrous Ammonia (NH3) applications.

| Parts List | |
|-----------------------|-------|
| Part Description | Qty. |
| BAI Break-Away Insert | 1 Pc. |



BAI Break-Away Insert

Maintenance

⚠️ WARNING

ONLY PERSONNEL TRAINED IN THE PROPER PROCEDURES, CODES, STANDARDS & REGULATIONS OF THE ANHYDROUS AMMONIA INDUSTRY SHALL PERFORM MAINTENANCE ON THIS EQUIPMENT. Before starting any type of maintenance, close off the A120MAN valve(s) & remove all Anhydrous Ammonia (NH3) pressure from the Outlet of the Internal Shutoff Valve. If maintenance or repairs are to be made on the internal valve(s), refer to the Instruction Manual for the particular valve model. An A120MAN manual release that has been disassembled must be tested for proper operation before being returned to service.

CHECK ACTUATOR PERIODICALLY FOR THE FOLLOWING:

Make sure that both cables move freely inside the Break-Away Coupling.

NOTE: REFER TO THE INSTRUCTION MANUAL SUPPLIED WITH THE INTERNAL VALVE OR SQUIBB TAYLOR'S WEBSITE FOR ALL WARNINGS, CUSTOMER NOTIFICATIONS, SPECIFICATIONS, OPERATION, CAUTIONS, MAINTENANCE, & PARTS. CALL SQUIBB TAYLOR @ 800.345.8105 WITH ANY QUESTIONS BEFORE PROCEEDING.

While this information is presented in good faith and believed to be accurate, Individuals using this literature must exercise their independent judgment in evaluating product selection and determining product appropriateness for their particular purpose, system requirements and certifications. The manufacturer reserves the right to change product designs and specifications without notice.

Replacement Of The Break-Away Insert

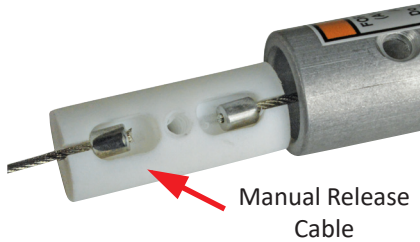
1. Remove the Phillips Head Screw from the Break-Away Coupling.



2. Remove the Break-Away Insert from the Break-Away Coupling. Grasp the outside of the Coupling & push on the Break-Away Insert until it is free of the Coupling.



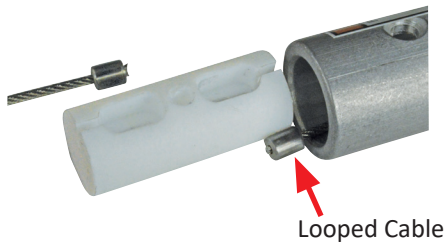
3. Make sure that you push the Break-Away Insert out of the Coupling on the side that is attached to the Manual Release.



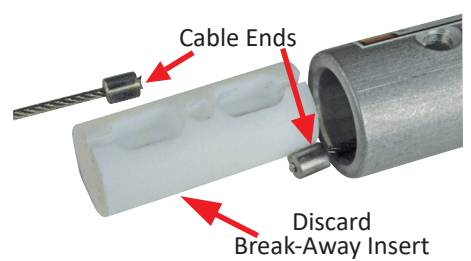
4. Remove the Manual Release cable from the Break-Away Insert.



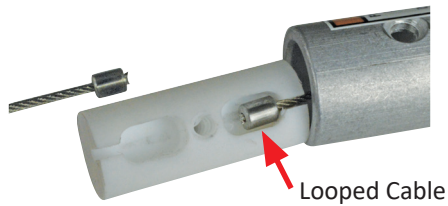
5. Remove the Looped Cable from the Break-Away Insert.



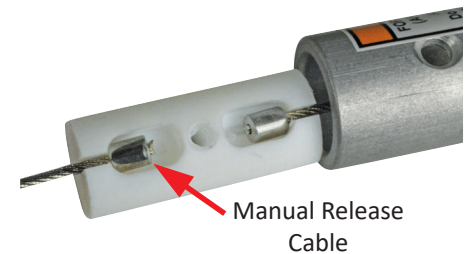
6. Discard the Break-Away Insert. Inspect the Crimped Ends of the Cables for wear or deterioration.



7. Replace the Looped Cable End back into the New Break-Away Insert.



8. Replace the Manual Release Cable End back into the new Break-Away Insert.



9. Keep both cables spread apart from the center of the Break-Away Insert. Slide the Coupling over the Break-Away Insert, just enough to cover the ends of the cables.



10. Line the Big Hole in the Coupling up with the hole that is in the Break-Away Insert.



11. Replace the Phillips Head Screw as shown. Tighten the screw with a Phillips Head Screw driver.



12. Check both cables. Make sure that each cable rotates in & out.



Note:

The Break-Away Insert should be replaced after a Break-Away.

⚠ CAUTION

DO NOT Modify the Cable/Carabiner Assembly. Could cause Injury or Death! Only Use Squibb Taylor Replacement Parts.

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