

WARNING !

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 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.

The Type C810-R3 12 Volt Electrical Fail Safe Release Actuator can be used for Anhydrous Ammonia applications ONLY. Do not use at any indoor or an enclosed NH3 application, or at any other hazardous location. DO NOT USE IN LPG/PROPANE SERVICE.

NOTE: REFER TO THE RegO® INSTRUCTION MANUAL SUPPLIED IN THE INTERNAL VALVE BOX OR WEBSITE FOR ALL WARNINGS, CUSTOMER NOTIFICATIONS, SPECIFICATIONS, OPERATION, CAUTIONS, MAINTENANCE, & PARTS.

Valve Types

The C810-R3 works only with A3213D RegO® 3" Threaded Internal Valve.

Installation

1. Safety Equipment (i.e. gloves, goggles, & clothing) must be worn before continuing with the next step, if installing on valve in tank.
2. **Warning ! Before Proceeding to the next step, the system must be purged of all product if valve is already installed in tank.**

3. Valve ready for Installation of P810-R3 on valve not installed in tank & with no AA present.



4. Place lockwasher over screw & insert Screws w/lockwashers into the holes of the bracket as shown.



5. Place the spacers over the screws on the back side of the Bracket as shown.



6. Install the bracket to the valve and hand tighten the screws.



7. Secure the bracket to the valve by tightening the three screws evenly.



8. Install the lever onto the Stub Shaft. Hold the lever toward the 7 o'clock position and slide onto Stub Shaft. Then line lever up with the Lock Hole.

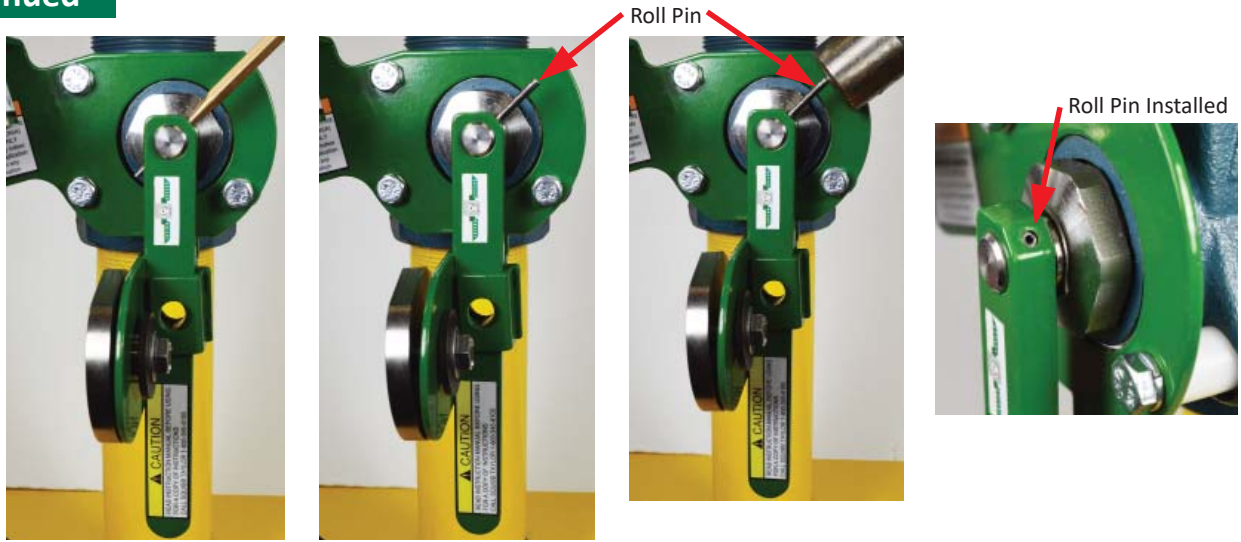


Lock Hole

Tool Used:
7/16" Box End Wrench

Installation Continued

9. Line the Holes in the Lever & shaft up with a Pin Punch. Secure the Lever to Stub Shaft with the Roll Pin that is Provided.



Tools Used:
Pin Punch & Hammer

10. Connect electromagnet to the 12 V DC system and turn on voltage to the electromagnet.

11. Raise Handle up to open valve. Strike Plate should latch against Surface of Electromagnet and stay attached to the Surface of Strike Plate while voltage is applied. Valve must stay open. **Upon de-energizing the Electromagnet, the Handle and Valve must quickly “snap” closed.** The Handle and Valve must quickly rotate and close either when (a) the power source is turned off or (b) the handle is pushed closed from the latched open position.



Power On & Valve Open.



Power Off & Valve Closed.

WARNING !

**NEVER WIRE OPEN OR BYPASS
MAGNET TO HOLD VALVE OPEN.**

Locking Option



Valve Can Be Locked As
Shown In Above Photo.

Padlock Not Included.