

Replace Parts in Feed Rate Control – Classic

Entire document: 3 pages

THIS DOCUMENT CONTAINS GENERAL INSTRUCTION FOR SERVICING STENNER PRODUCTS. PLEASE BE SURE TO READ ALL SAFETY INFORMATION.

! **NOTICE:** Indicates special instructions or general mandatory action.

! **NOTICE:** Read all safety hazards before installing or servicing the pump. The pump is designed for installation and service by properly trained personnel.

! **NOTICE:** Use all required personal protective equipment when working on or near a chemical metering pump.


! **NOTICE:** Install the pump so that it is in compliance with all national and local plumbing and electrical codes.


! **NOTICE:** Use the proper product to treat potable water systems, use only chemicals listed or approved for use.


! **NOTICE:** Install the pump to work in conjunction with pool, spa, well pump, or system controls.





Safety Information – Classic

 **WARNING** Warns about hazards that **CAN** cause death, serious personal injury, or property damage if ignored.


 **ELECTRIC SHOCK HAZARD**


 **WARNING** **ELECTRIC SHOCK HAZARD:**
Pump supplied with grounding power cord and attached plug. To reduce risk of electrical shock, connect only to a properly grounded, grounding type receptacle. Install only on a circuit protected by a ground-fault circuit interrupter (GFCI).

 **WARNING** **HAZARDOUS VOLTAGE:**
DISCONNECT power cord before removing motor cover for service. **Electrical service by trained personnel only.**


 **AVERTISSEMENT** **RISQUE DE CHOC ELECTRIQUE:**
Cette pompe est équipée d'une fiche de mise à terre. Pour réduire le risque de choc électrique, s'assurer que la fiche est bien raccordée à une prise de courant avec une connexion de mise à terre. Installer seulement sur un circuit protéger par un interrupteur protéger par une mise à la terre.


 **WARNING** **EXPLOSION HAZARD:**
This pump is not explosion proof. **DO NOT** install or operate in an explosive environment.


 **DO NOT** alter the power cord or plug end.


 **WARNING** **RISK OF CHEMICAL EXPOSURE:**
Potential for chemical burns, fire, explosion, personal injury, or property damage. To reduce risk of exposure, the use of proper personal protective equipment is mandatory.


 **DO NOT** use receptacle adapters.

 **WARNING** **RISK OF FIRE HAZARD:**
DO NOT install or operate on any flammable surface.

 **DO NOT** use pump with a damaged or altered power cord or plug. Contact the factory or an authorized service facility for repair.

 **WARNING** **RISK OF CHEMICAL OVERDOSE:**
To reduce risk, follow proper installation methods and recommendations. Check your local codes for additional guidelines.


 **CAUTION** Warns about hazards that **WILL** or **CAN** cause minor personal injury or property damage if ignored.


 **This is the safety alert symbol. When displayed in this manual or on the equipment, look for one of the following signal words alerting you to the potential or personal injury or property damage.**


 **CAUTION** **PLUMBING:**


Chemical feed pump installation must always adhere to your local plumbing codes and requirements. Be sure installation does not constitute a cross connection. Check local plumbing codes for guidelines.


 **PUMP SUITABLE FOR USE OUTDOORS** when installed with a Stenner Rain Roof Part No. MP90000.


 **NOTICE: Indicates special instructions or general mandatory action.**


 Electrical installation should adhere to all national and local codes. Consult a licensed professional for assistance with proper electrical installation.


 **NOTICE:** This metering pump is portable and designed to be removable from the plumbing system without damage to the connections.

 Removing power from pool/spa recirculation pump must also remove power from pump.

 **NOTICE:** This metering pump and its components have been tested for use with the following chemicals: Sodium Hypochlorite (10-15%), Muriatic Acid (20-22% Baume, 31.5% Hcl), and Soda Ash.

 The use of an auxiliary safety device (not supplied), such as a flow switch or sensor, is recommended to prevent feed pump operation in the event of a recirculation pump failure or if flow is not sensed.

 **NOTE:** Cette a pompe de dosage et ses composants ont été testés pour utilisation avec les produits chimiques suivants; Hypochlorite de Sodium (solution de 10-15%); Acide Muriatique (20-22% Baume, 31.5% Hcl); Cendre de Soude.

 Point of chemical injection should be beyond all pumps, filters, and heaters.

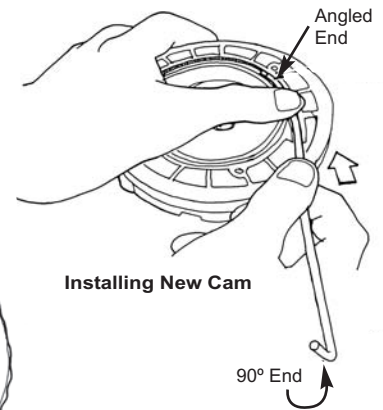
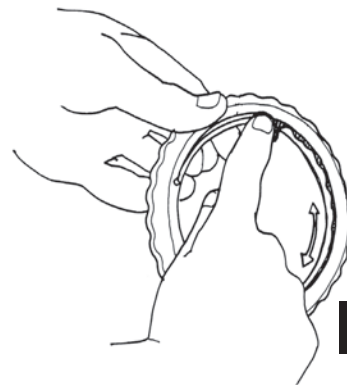
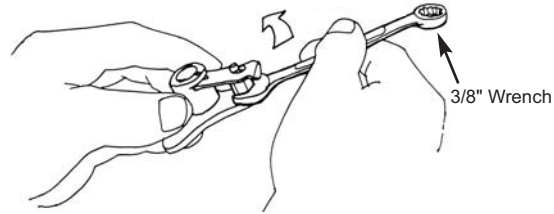
 Suitable for indoor and outdoor use.

 Convient pour usage intérieur et extérieur.



Replace Parts in Feed Rate Control – Classic

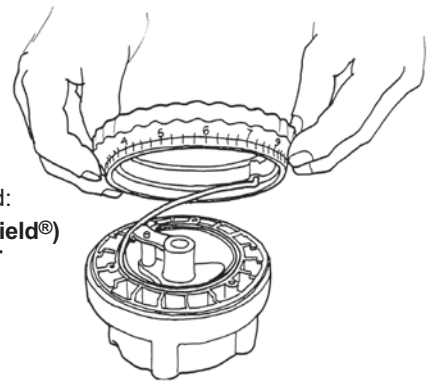
1. Remove screws.
2. Remove feed rate control mounting plate and dial ring.
3. Remove cam, spider assembly, and index plate.
 - If required, remove index pin assembly by unscrewing with box wrench and replace.
4. Flip worn index plate over OR install new index plate.
5. Clean out feed rate control channel before installing new cam.
6. Use grease (AquaShield®) to lubricate the cam's angled tip.
7. Install the cam.
8. Feed the angled tip into feed rate control channel and keep the 90° end in the up position. Place thumb over the cam to guide as it is inserted in the channel.
9. Continue to feed the cam in the channel until there is approximately a 1/2" gap between the cam tip and the beginning of the channel.
10. Place dial ring boss onto the cam's 90° end.
11. While keeping the 90° end in the boss and the cam in the feed rate control channel, in a clockwise motion, place the dial ring onto feed rate control housing and snap into place.
12. Generously grease (AquaShield®) bottom of feed rate control housing before placing index plate inside. Grease the top of the index plate.
13. Place the spider with index pin assembly on the index plate. The lifter tip should be positioned in the 1/2" gap in feed rate control channel.
14. To secure mounting plate, align its arrow with feed rate control housing arrow and install the three screws.



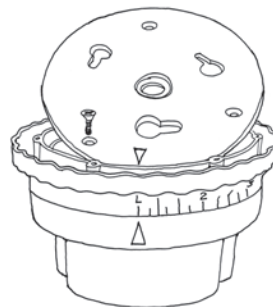
Installing New Cam



NOTE
Additional information:
Spread AquaShield® on bottom step of ring.



BEST PRACTICE
Factory recommended:
Add grease (AquaShield®) to dial ring for easier turning.



IMPORTANT!
Key for optimum performance:
If the dial ring does not rotate from L to 10, feed rate control mounting plate is in the wrong orientation.



NOTE
Additional information:

The dial ring will be stiff or difficult to rotate if it lacks lubrication (AquaShield®) or the screws are over tightened. If the screws are too loose, the dial ring can inadvertently be turned to 10 by the motor.