



# SURE CYCLE®

U.S. Patent No. 6,418,833



High Performance, Stainless Steel Action Systems

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## REM-01 Installation Instructions Remington 1100 and 11-87 shotguns

**WARNING: UNLOAD WEAPON BEFORE ATTEMPTING TO INSTALL ANY COMPONENT!!!**

1. Remove the trigger group and butt pad from the shotgun.
2. Unscrew the stock locknut with a large screwdriver and remove the stock.
3. Slightly depress the recoil spring retainer at the rear of the factory spring tube and push out the retaining pin, allowing the recoil spring to be removed.
4. While squeezing the arms of the bolt link together, tilt the factory spring tube to allow the factory follower to slide out of the tube. (The bolt link will not exit the follower until you squeeze the arms together.)
5. Clean the interior of the factory tube and the external threads.
6. Slide the SURE CYCLE spring over the stainless follower and insert them into the factory tube.
7. Squeeze the arms of the bolt link together and push the SURE CYCLE follower onto the link.
8. Insert the aluminum spring retainer into the back of the spring. Push the retainer into the tube until it is below the holes in the tube and insert the retaining pin. Be sure the retaining pin is pushed all the way through and both sides are flush with the tube.
9. Slide butt stock over the tube, place factory washers over threads and attach the butt stock with the provided stainless hex nut. The hex nut must be installed by starting the counter bored end (the area of no threads) over the tube first. Tighten the hex nut using an 11/16" socket.  
**CAUTION:** The butt stock may not tighten properly if the hex nut is not installed correctly.
10. Attach butt pad and install the trigger group.

The enclosed SURE CYCLE system contains two stainless steel action springs. The heavy spring is the shorter 14inch spring designed to deliver maximum performance with high-velocity and magnum loads. The light spring is the longer 15 inch spring and can be used with low-velocity and target loads or in cases where the action will not function properly. You cannot damage the Sure Cycle or your shotgun by firing magnum loads with the light spring installed in the tube; however we recommend changing springs to obtain best results.

The SURE CYCLE components require no lubrication, but the factory tube will rust if it is not properly maintained. Keep the tube lightly coated with your favorite rust protectant/lubricant for optimum performance of your shotgun. Clean with hot soapy water if necessary. Dry components thoroughly before reassembling and reapply a light coating of rustprotectant/lubricant.

**You are now ready to enjoy your new SURE CYCLE system.**