

High Performance, Stainless Steel Shotgun Action Systems U.S. Patent No. 6,418,833

## REM01

## Remington 1100 & 11-87 12ga. Shotguns

## WARNING: UNLOAD AND PROPERLY CLEAR THE 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 the butt stock over the tube, place factory washers over the 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 designed to deliver maximum performance with high-velocity and magnum loads. The light spring should only 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 the best results.

The Sure Cycle system requires no lubrication. DO NOT use any type of oil, grease or other lubricants in the system. If necessary, disassemble the Sure Cycle and clean the components with a mild detergent and hot water. Dry thoroughly before assembling the system.

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



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