



550SSG ROTOR AND BAIL TRIP SYSTEM – ENGINEERING IMPROVEMENT

Background Information:

Review of reels returned by distributors and reels repaired in Penn’s service department has driven a change to the 550SSG rotor and bail trip mechanism. The bail trip mechanism in SSG reels consists of a bail trip cam, a cam lever, and a trip lever. The force required to trip the bail arm and close the bail wire is transferred through the bail trip lever. Excessive bail trip force shears the post in the rotor ear, on which the bail trip lever pivots. This results in a failure of the automatic bail trip system. The diameter of the trip lever post has been increased and a washer has been added. These two changes more than double the breaking strength of the trip lever post.

Affected Reels:

In the original design of the 550SSG rotor, shown in Figure A, the trip lever 028B5500 fit on the post with a brass bushing 028B5500. Figure B shows the original design of the trip lever post. Once the post is broken, shown in Figure C, the bail trip mechanism will no longer function. This requires replacement of the rotor. Reels shipped after Spring 2008 will already be of the upgraded design.

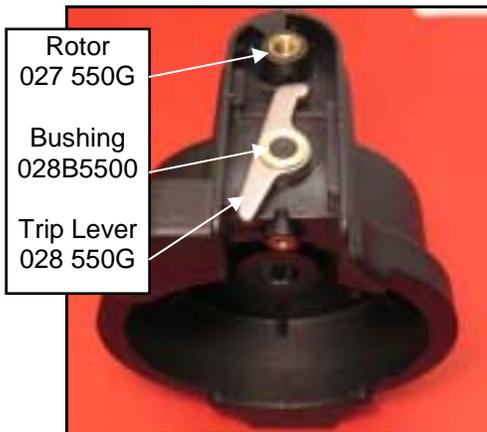


Figure A: broken 550SSG rotor

Figure B: Detail of unbroken rotor

Figure C: Detail of broken rotor

Replacement Procedure:

Figure A shows the old parts from the broken rotor. The bushing 028B5500 and the broken rotor 027 550G can be discarded. The trip lever 028 5500 should be saved as it can be used with the new rotor. Figure D shows the new rotor 027 550G and the new washer 028B550G. The old trip lever 028 5500 can be reused in the upgraded rotor. After the release of this bulletin, any rotor 027 550G ordered will be the new design. Please contact Penn customer service for replacement parts. Once the new rotor, bail trip lever and washer are replaced, the rest of the rotor can be assembled and replaced on the reel, as usual.

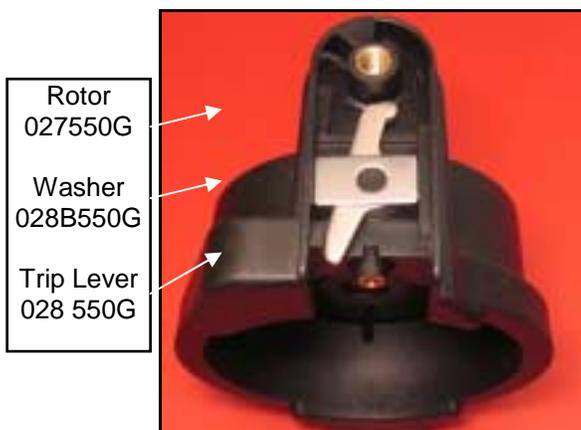


Figure D: New rotor with upgraded parts

Figure E: Detail of trip lever post in new rotor