

CONFIDENTIAL

Remington Arms Company Inc.
RESEARCH & DEVELOPMENT TECHNICAL CENTER
315 WEST RING ROAD

TLW0813A1 - Function Check of ISS System

To check the ISS System for proper function perform the four-step procedure that follows. If the system fails during any of the four steps stop the test for that gun and continue with the next sample. To be considered a proper functioning ISS system each sample must pass all four of the steps outlined below.

Method:

1. Make sure the chamber and magazine box are completely empty of live ammunition. ***This test will involve the use of a primed case, use appropriate safety procedures. This test should be performed with the muzzle of the gun inserted into a shooting port or other approved device.***

- With the bolt in the open position and safety "On", using the ISS key, lock the ISS System in the secure mode (**White** dot visible to the rear-See Pictures) and then remove the key.
- Load a primed case into the chamber by inserting with your hand.
- Attempt to close and lock-up the bolt. You should not be able to completely rotate the bolt to the fully locked up position (Bolt Handle down). If the bolt cannot be closed the test sample passes the test. Record results and proceed to Step 2.
- If the bolt can be closed completely proceed as follows. **Remember that there is a primed case in the chamber. The muzzle of the gun should still be in a shooting port.**

➤ Place the safety in the "Fire" position and pull the trigger. The firing pin must not fall completely and set off the primed case. If the primed case fires then the test sample fails the test. Note that the firing pin should move forward some (not enough to make contact with the primer) so that the rear of the firing pin head should be flush with the rear of the bolt plug.

➤ If the primed case does not fire, attempt to unlock the ISS with the ISS key quickly by rotating the ISS plunger counterclockwise. Be careful, only apply enough force to see if you can unlock the ISS, without bending the tool. You may hear a click and the firing pin head may move a small amount but should not fall fully. This is considered normal. If the ISS cannot be fully unlocked then the gun passes this test, proceed to Step 2.

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