

Remington Arms Confidential

space in the box. If the action is closed and the box is installed into the rifle, opening and cycling the bolt results in the bottom lug at the 6 o'clock position catching the belt on the magnum case of the top round in the magazine. Since there is no room for the round to travel downward the bolt movement is stopped at this point. The only way to clear this condition is to remove the magazine box. It is relatively easy to load the magazine box and result in an incorrect round stagger. Based on initial customer feedback of this product Marketing may want to consider various ways to educate the user to avoid this situation or consider a design change to the magazine box.

- **Magazine Box Deformation During Live Firing** – This deformation is caused by the rounds moving in the box during recoil, which hammers the front and rear surfaces out of shape. This lengthens the box and eventually (depending on starting box length and stock box opening dimensions) will result in magazine boxes that are difficult to insert or remove from the rifle. This deformation visually starts in as little as 60 rounds and becomes a box fit issue at around the 100 round levels. The user will have to straighten the box to remove the deformation or obtain a new box. This deformation is not new to the M/710, but the round level required to cause deformation is lower due to the higher recoil. This may result in a higher frequency of complaints on the Magnum and higher warranty costs. Box deformation with the 7MM Rem. Magnum was slightly less than that seen with the .300 Win. Magnum. Deformation with both Magnum calibers is greater in magnitude and occurs sooner than in non-Magnum guns (.270 Win. or .30-06 Springfield)
- **High Pressure and Obstructed Bore Test Results** – Changes have been made to the heat treatment of the bolt head and barrel to minimize gun damage that occurred during these tests. Significant strength increases have been made, although a level of gun damage does occur. Design, Management and Marketing have been fully informed of the results of this testing. Test results with the 7MM Rem. Magnum was consistent with that of the .300 Win. Magnum product.

Test recommends that these issues be resolved through design/process changes if Marketing finds any of these conditions unacceptable.

Elizabethtown stands ready to assist should you determine that additional audits of the product are required

With Kind Regard,

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