

Table 1 contains the measured values of headspace and trigger engagement.

<i>Cycles</i>	<i>Headspace (in)</i>		<i>Engagement (in)</i>	
	<i>710</i>	<i>700</i>	<i>710</i>	<i>700</i>
0	min	+0.007	0.0210	0.0164
1000	min	+0.008	0.0212	0.0166
2000	min	+0.008	0.0217	0.0172
3000	+0.001	+0.008	0.0234	0.0180
4000	+0.001	+0.008	0.0216	0.0181
5000	+0.001	+0.008	0.0209	0.0181

Table 1. Measured Headspace and Trigger Engagement.

Headspace grew by about 0.001 inch in each gun. In the Model 700 trigger engagement grew steadily, increasing 0.0017 inches over the duration of the test. Trigger engagement in the 710 varied more erratically. The maximum engagement measurement differed from the minimum value by 0.0025 inches, however at no time did it fall below the .020 inch minimum specification.

Pictures were taken of four areas in both guns: the firing pin head, the cam surface used to cock the firing pin head, the bolt lugs and the sear.

Two areas of the plastic bolt plug on the 710 showed noticeable wear. The non-bolt-side firing pin head ear displayed considerable flattening. This can be seen in Figure 2.

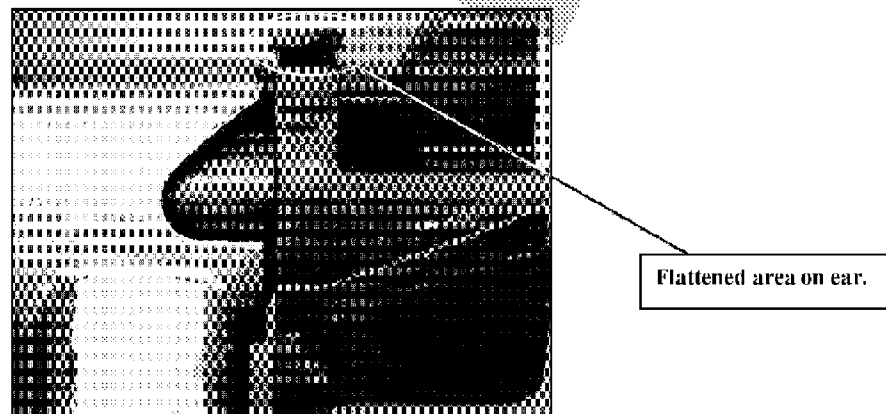


Figure 2. Deformed area on 710 bolt plug.