

February 3, 2012

Reference: PT745Pro, SN NDM32 [REDACTED]
Problem: Chamber not cut concentric with bore

Taurus
16175 NW 49 Ave.
Miami, FL 33014

Dear Sirs,

I have requested warranty service on my PT745 to correct an issue with the barrel/chamber alignment that is creating an intermittent problem with the slide returning to battery. At first, I made the assumption that it was a feed issue but upon closer examination I have found it to be with the barrel to chamber finish, it appears that the chamber reaming was not concentric. The chamber freebore is not concentrically spaced between the step and lands. Two of the lands extend all the way to the step.

I've noticed two important points with this problem when the pistol fails to return to battery. Bullets with a lighter jacket alloy, after ogive contact with the lands, are left with impression of the lands at the 10:00 and 12:30 positions. Bullets with a tough jacket alloy, after contact with these lands, experience a .015" cartridge overall length set back. In addition their concentricity is upset. The ammunition starts with the typical run-out of .003" (+/- .001") but after impacting the upper lands the run-out is further disrupted to .011" (+/- .001"). The bullet jacket not yielding to the lands causes the cartridge to assume the shape of the chamber. The cartridge like the chamber is crooked. This has been verified with a chamber impression.



Please also pardon the length of the message but the Customer Service Agent, [REDACTED], asked me to detail the issue and I wanted to offer the evidence necessary to indicate the need for a replacement barrel. I have worked with [REDACTED] before and have always hung up feeling very pleased with the experience and glad I've chosen Taurus for my conceal carry needs. Please also note that the sights on this pistol are the Heinie after-market night sights. I did not feel it necessary to remove them but I need to keep track of them as they are expensive.

Sincerely,

Michael [REDACTED]
[REDACTED]
[REDACTED]