

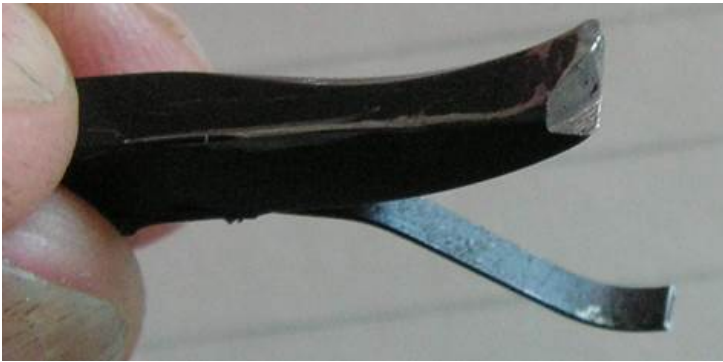
1860 Army Video: <https://www.youtube.com/watch?v=-VqpeRre7IY> (video will demonstrate how to take the pistol apart)

Problem 1: Cylinder will not spin freely:

1. Remove barrel and cylinder. Half-cock the pistol. Slide conversion cylinder onto the cylinder pin. Does the cylinder spin freely?

- If yes, then place the gun in an upright position (barrel facing upwards.) Is there clearance between the cylinder and the frame? Can you see daylight? If yes, is there clearance between the cylinder and the barrel? If yes to both, the hand will need modification.

- o Remedy: shorten the hand by filing a little bit off the top of the hand, making sure to also file the side to maintain the angle. Re-install the hand and cylinder and see if it will rotate, if not file a little bit of the hand again and repeat process. See picture of the modified hand below.



- If no, remove conversion cylinder (hammer still in half-cock) and see if bolt is flush or below the frame. If yes, the conversion cylinder and percussion cylinder will need to be shipped back to us. We will need to take measurements from the percussion cylinder and possibly ream out the conversion cylinder's pin hole at no charge to you.

Problem 2: Cylinder will not index:

1. Slowly cock to see if bolt moves immediately as the hammer is being pulled back. If the bolt doesn't start to move immediately, then the arm of the bolt is not making proper contact with the cam on the hammer.

- o Remedy: replace bolt, or bend the arm on the bolt to make proper contact with the cam. (Note: bolt arm must be heated in order to bend; otherwise it will snap off and break) If it does move immediately, the hand is too long see highlighted paragraph.

2. When the pistol is fully cocked, does the bolt have a sharp angled edge? If yes, bolt is too high.

- o Remedy: Reduce the angle by reducing the angle of the edge. (Best if bolt is removed from the frame as it may pivot when filed upon.)

Problem 3: Cylinder will not index with a live round in it:

1. Nose of hammer is too long.

- o Remedy: Remove material from the hammer face.

Problem 4: Hammer will not cock, or half cock when cylinder is installed:

1. Hand is too long. Remedy: See Problem 1 Remedy.

Please call Howell Old West Conversions at 608-676-2518 for any questions.