

Palo Verde Gunworks

Dry-fire Practice Snap Caps For Lever Action Rifles

Please read it all before you begin.

Your Palo Verde Dry-fire Snap Cap will allow you to dry-fire your rifle multiple times without ejecting the round each time the gun is cycled. Your firing pin will strike a shock absorbing rubber to help avoid damaging your firing mechanism. It works in most .38 spl. and .357 mag. lever action rifles. *(The P.V. Dry-fire Snap Cap works in most, but not all, Marlin 1894s. Read explanation on back)*

Winchester 1873, 1866, 1892 and Henry Clones:

The extractor for these guns is on the top of the breech bolt and snaps over the rim of the round when the action is fully closed. When the gun is cycled the extractor withdraws the captured round from the chamber. The Palo Verde Dry-Fire Snap Cap has a portion of the rim of the case machined off so that the extractor does not catch on the rim and does not withdraw the case from the chamber when the gun is cycled. The case is also specially sized so the round does not turn in the chamber when the rifle is cycled.

1) First, as always, check to make sure the gun is unloaded and remove all loaded ammunition from the area.

2) IMPORTANT: The Palo Verde Dry-fire Snap Cap is sized to fit snugly in a clean chamber. Brush and clean it well before inserting the Dummy round at the beginning of a practice session.

3) Hold the rifle below your eye level and push the lever down all the way. The carrier (the large brass block) will rise to the top.

4) Leaving the lever in the down position, use a finger to ease/push the carrier down below the chamber (not necessary on a '92). You will now have top access to the chamber.

5) Through the open top of the rifle (above the lowered brass carrier on all except the '92) carefully slide a P.V. Dry-fire Snap Cap into the chamber making sure the flat, machined part of the Snap Cap is on the top side. Push the Snap Cap into the chamber. The first half will slide in fairly easily and the second half will be a tight push-fit. Push the Snap Cap in all the way into the chamber either with your finger or by levering the action closed.

6) You can now dry-fire multiple times without ejecting your practice Snap Cap each time you cycle the gun.

7) After a practice session, you will need to push the Snap Cap out with a cleaning rod inserted through the muzzle end of the barrel. (First, push the carrier down as in step 4 so the Snap Cap comes out above the carrier.)

The P.V. Dry-fire Dummy works in most but not all Marlin 1894s.

Marlin 1894s:

The Marlin 1894 extractor is on the **right side** of the breech bolt and functions the same as in the Winchesters. Lower the lever and insert the P.V. Practice Snap Cap **fully** into the chamber through the ejection port so that the flat, machined portion of the Snap Cap is on the right side of the chamber and toward the extractor.

Some Marlins are timed with a long carrier rising very high --- sometimes high enough to hit the rim of a chambered round. On these Marlins, the carrier will hit the rim of the Snap cap and the gun will not function. The P.V. Dry-fire Snap Cap will not work in these Marlins.

Test your Marlin by opening the action fully and inserting, through the ejection port, an empty fired case fully into the chamber with your finger. Now try to close the lever. If the rising carrier does not hit the rim of the case and the action closes fully, your Marlin will work with a P.V. Snap Cap.

Some General Notes:

The P.V. Practice Snap Cap is sized to fit snugly so it will not rotate in the chamber while cycling multiple times. The diameter of the chamber varies a little from gun to gun --- within machining tolerances. Depending on the diameter of your chamber and how clean it is, the Snap Cap will push in either easily (just a snug fit) or with more pressure required (a tight fit). The P.V. Practice Snap Cap is sized to fit in a clean chamber. After inserting it into your chamber many times, a tight Snap cap may tend to conform more closely to the size of your chamber. *Or, rarely, if your chamber is overly large, the Snap Cap may rotate a little after multiple cycling's -- simply leave the chamber a little dirty next time and the Snap Cap will fit more snugly.*