

Replacing a Snap Ring on an X Range Nozzle

The snap ring is designed to fasten the heater cap in place during the operation of the nozzle. If the snap ring is not installed correctly the heater cap may become loose during operation of the nozzle. This may cause incorrect readings of the thermocouple, poor performance of the nozzle, and possible failure of the heater.

ONE

Locate the ends of the snap ring.

Use a strong thin tool (such as a blade) to wedge between the end of the snap ring and the heater cap.

TWO

Twist the end of the tool towards the end of the nut so that the end of the snap ring rides up out of the groove and over the nut shoulder.

Slowly slide the tool around the snap ring, moving the rest of the snap ring out of the groove and over the nut shoulder.

THREE

Sit the snap ring on the top of the nut.

Holding one of the ends of the snap ring over the side of the nut towards the heater cap, slowly push the snap ring around the side of the nut shoulder and into the groove. The snap ring should "click" or snap into the groove.

If the snap ring is not sitting securely into the groove in the nut it may need to be pushed in slightly with a soft dolly.