

# HearthStone I Latch Replacement

## Replacement Instructions

*H-I Models Manufactured Between 1978 and 1988*

*Latch Assembly Numbers: 91-58120 Side, 91-58121 Front Top, &  
91-58122 Front Bottom*

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### **Assembly Contents:**

Cast Handle (Exterior Latch Piece)  
Cast Latch (Interior Latch Piece)  
3/16" Roll Pin  
Set Screw  
1/4" Nut

### **Tools Required:**

7/16" Wrench  
Hammer  
3/16" Punch  
Screwdriver

**Before You Begin:** The procedure is the same whether you are replacing the side or front latches. Work on a cool stove.

### **Procedure:**

1. The latches in early model stoves may have been assembled with a 1/4" bolt (located on the inner portion of the latch assembly). Remove this bolt with a 7/16" wrench. The assembly can now be disassembled by hand. More commonly, the latch assembly will be held together with a rolled pin that is driven through the inner portion of the latch. Use a hammer and punch to drive this pin out. The inner and outer latch pieces can now be separated and removed. Make note of the number and position of the shim washers. Save the washers to use on the new latch. Before discarding the damaged latch, remove the coil handle and save it for installation on the new latch.
2. Push the new handle shaft through door, and locate the small hole in end of shaft. Place new latch on the end of shaft (making sure the shim washers have been placed onto both sides of the shaft) and line up holes by sight.
3. Tap the rolled steel pin all the way through latch assembly until the end is flush with both edges of latch assembly. **Hint:** Place a small bolt about half way into the bottom of the holes to keep them in line until the rolled pin is partially tapped into position. Remove the bolt and finish tapping the pin in place.

4. Turn the coil handle (previously removed) onto the outer portion of the latch assembly.
5. If the new latch assembly is binding or loose, drive out rolled pin, and rearrange the shim washers. To tighten the latch, remove a washer from the inside and place it on the outside of the assembly; to loosen the latch, place a washer from the outside onto the inside of the shaft. Repeat steps 3 and 4 to reassemble.
6. Turn the setscrew into the threaded hole on the end of the inner latch piece. Turn it in through the bottom of the latch until the non-slotted end is flush to the top of the latch. Thread the 1/4" nut onto the exposed threads of the setscrew until it is locked against the bottom of the latch. This screw can be turned out in the future to tighten the latch (as the gasket in the door compresses).