

Technical Data Sheet

Replacing the Torsion Spring on The Heritage 8022

Part #5240-143

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INCLUDED IN KIT:

5240-143 Torsion Spring

TOOLS REQUIRED:

5/32: Allen Wrench
Hammer & Punch
Phillips Screwdriver

PROCEDURE:

1. Remove the setscrew below the side door with a 5/32" allen wrench as shown in photo #1.



Photo #1

2. Open the door and support it in the full open position as shown in photo # 2.



Photo #2



Photo #3

- Using a phillips screwdriver, remove the four screws that hold on the stone retainer (photo #3). Angle the stone retainer to separate it from the sliding plate (photos 3 & 4). Flip the sliding plate into a vertical position so it will be out of the way.



Photo# 4



Photo #5

- Using the phillips screwdriver, remove the four screws that hold the side door frame to the side of the stove as shown in photo #6 & #7.



Photo #6



Photo #7

- Using the phillips screwdriver, turn two of the four screws back into stone retainer to hold the stone in place as shown in photo #8. These can be installed in opposite corners to effectively hold the stone and plate in place while working on the stove.



Photo #8

6. Close and latch the door with the frame removed to continue the repair as shown in photo #9.



Photo #9

7. Use the flat blade of a knife to pry off the caps on both ends of the hinge pin that runs through the tension spring. (see photo #10).



Photo #10

8. Using a hammer and 18' long x 3/16" diameter flat ended punch or rod, start to punch out the hinge pin from right to left as shown in photo 11.



Photo # 11



Important: Do not fully remove the hinge pin. Tap it to the left until it reaches the end of the spring cavity. Remove the old spring by pulling out the punch / rod.

Note the hinge pin is still within the hinge hole.

Photo #12

9. Install the new tension spring. The longer end of the spring must be upright and positioned in the slot in the door (see photo #14). **IMPORTANT NOTE:** When installing the replacement spring, the bottom (shorter) end of the spring should be positioned below the hole where the original spring was installed (as shown in photo#13). This will allow for the proper tension when opening and closing the door.



NOTE: The bottom of the new spring does not go into the hole in the cast as the old one did.

Photo #13



Photo #14

10. Reverse order of steps one through ten to reassemble the door components.