



Technical Data Sheet

90-73010 Latch Replacement Instructions

For The Equinox 8000 Side & Front Door Latches

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INCLUDED IN KIT:

5000-322: Latch (1)
5000-565: Handle Crank (1)
5021-032: Flat Washer (1)
5240-138: Tension Spring (1)
4500-2976: Setscrew
4700-0792: Spacer Washers (4)

TOOLS REQUIRED:

5/32" Allen Wrench

BEFORE YOU BEGIN: Make sure the all the components listed above are in the kit. Before working on the stove be sure it is cool to the touch.

PROCEDURE FOR REPLACEMENT:

1. Using the allen wrench, loosen and remove the set screw on the outside of the latch assembly. Unthread the outer crank from the latch shaft so the parts can be taken off the door and discarded (save the original spacer washers for possible future use).
2. Place two of the spacer washers onto the new latch shaft and push the latch through the hole in the door. Retain the extra spacer washers for possible adjustment to the latch.
3. Slip the flat washer and coil spring onto the latch on the outside of the door.
4. Thread the outer crank portion onto the threads of the latch until it is flush to the surface of the door. Once it is in this position, back it off three turns, line the groove in the latch shaft up with the hole in the crank, and turn in the setscrew to lock it in this position. The coil spring will be inside the crank and the crank will be approximately 1/8" from the surface of the door.

PROCEDURE FOR ADJUSTMENT:

The above setting would be the default setup for the latch. Gasket wear and use may cause additional adjustment to be needed. Here is the adjustment process:

If the latch is too tight: Separate the components and add one of the extra washers to the latch shaft and reassembly it as above.

If the latch is too loose: Separate the components and delete one washer. You can also turn the outer latch in another revolution to tighten it (but do not turn it flush to the door surface – this will prevent the coil from providing any tension).



Latch Components:

Crank, Setscrew, Tension Spring, Flat Washer, Adjustment Washers, & Latch