

## Technical Data Sheet

### **Montgomery (WFP 75) Latch Replacement Instructions** **Fits Models 8410 & 8411** **Assembly 94-73100**

#### **INCLUDED IN KIT:**

- (1) 4500-2976 - Set Screw
- (3) 4700-0790 - Brass Spacer
- (1) 5240-138 - Tension Spring
- (1) 5410-045 - Latch
- (1) 5021-032 - Flat Washer

#### **TOOLS REQUIRED:**

- Pair of Work Gloves
- 5/32" Allen Wrench
- Pliers or Vise Grips
- Slotted Screwdriver
- Flashlight

**BEFORE YOU BEGIN:** *Always work on a cool stove.* Read the instructions thoroughly before starting the repair. Identify all parts included in the kit. Report any shortages to your dealer.

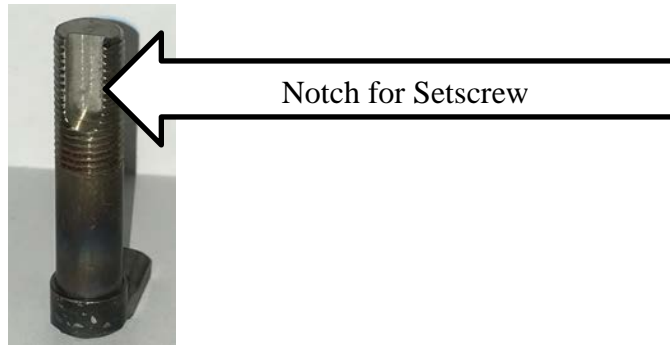


**Figure 1: Latch Components**

#### **PROCEDURE:**

- (1) Locate the set screw on the outer surface of the cast iron crank that connects the latch to the wooden handle. Using the 5/32" allen wrench, completely turn out the setscrew holding the original latch to the outer cast iron crank. While holding the latch with the pliers, rotate the outer cast iron crank until it disengages from the threaded portion of the latch.

- (2) Separate the latch and crank. Discard all of the inner original latch components, keeping the wooden handle and cast iron crank that will be reused).
- (3) Place two of the brass washers onto the latch shaft. Keep the other one for possible adjustment needs.
- (4) Push the latch shaft through the door. Place the large black washer onto the latch on the outside of the door. It will be flush to the surface of the outer door. Place the tension spring over the latch on the outside.
- (5) Thread the cast iron crank onto the latch shaft. Continue to turn until it is flush to the surface of the door. Now turn it back until it is approximately 1/8" from the surface of the door.
- (6) Turn the cast iron crank until you can see the grooved out notch in the edge of the latch shaft (a flashlight may be helpful here). Once the two pieces are lined up in this manner, turn in the new setscrew. Use the allen wrench to tighten the setscrew into the grooved notch in the latch.



**Figure 2: Latch shaft (generic) showing detail of groove of the edge where the set screw will lock into place.**

**Note:** If the latch requires adjustment, you will need to separate it again. To draw it tighter, remove a shim washer from the inside; to loosen the latch, add a washer to the latch shaft.