



*American Energy Systems Inc*  
**Information Bulletin**  
**Glass**

**Product models covered:** All models of Biomass/Corn/Wood pellet Magnum & Country Flame appliances.

**Topic:** This informational bulletin will be addressing the glass in your appliance. What never should be done with glass, how to clean the glass, how to remove broken or damaged glass. What causes the glass to be dirty and the different glass options.

**What never should be done with glass:**

Never:

- ◆ Operate unit with broken glass.
- ◆ Slam the door shut.
- ◆ Strike the glass.
- ◆ Use abrasive cleaners.
- ◆ Clean when glass is hot.
- ◆ Substitute original factory glass. (Always use only factory authorized glass (high temperature, ceramic glass, and 5mm thick.))

**Cleaning the glass:**

If smoke accumulates on the glass, before the fire gets hot, open the door and wipe the glass with a damp rag. If after constant use, the glass is dirty; you must clean the glass so that it will not become etched with the fly-ash. Once the glass has cooled off, take a damp rag, put a little fly-ash from the unit on the rag and clean the glass. If this does not clean the glass use a special glass cleaner, you can obtain this information from your local dealer. (AES has found that Amway crème glass & chrome cleaner works really well. Do not use abrasives such as steel pads, steel wool, or oven cleaner as they will scratch the glass.

**Removal of broken or damaged glass:**

The glass is surrounded on the edges with a gasket and seated in a glass channel. It is held in place with two (2) clips on the top and two (2) clips on the bottom. Open the door and lift door off of hinges. If the door is tight, tap gently on the bottom of the door with your hand or a rubber hammer. Lay the door down on newspaper with the glass clips facing you. Using a number two (#2) Phillips screwdriver, loosen the screws and take the glass clips off. Remove the broken or damaged glass carefully. If glass is broken discard. Make sure to clean gasket area. Check to make sure the gasket material under the glass is in good shape. This material can be obtained from an authorized dealer or direct from the factory, if it needs to be replaced. Tempered or ordinary glass will not withstand the high temperatures of Magnum & Country Flame appliances. Reverse the above listed procedure for replacing new glass. When installing the new glass make sure that the glass is not sitting on top of any obstruction or binding or hitting any corners. The glass will break if screws are over tightened.

**Dirty glass is caused by;**

Poor air quality, poor fuel quality, improper air adjustment, air-wash is out of adjustment.

**Glass options:**

**Magnum Appliances:**

There are different options of glass to choose from such as, plain glass or etched glass with different designs; an eagle, pheasant, chickadee, wood ducks, rose border, flower deco or the white tailed deer etched glass.

**Country Flame Appliances:**

There are different options of glass to choose from such as, plain glass or etched glass with two (2) different designs; wheat or forest scene.

Always contact your local dealer if you have any questions or concerns.

# Door Handle Assemble Kit

## Part #MF3626

For Models Baby Countryside & Winchester units



- Verify the collar is adjusted to 2 ¼" from the end as shown.



Dimple on door handle



- Slide the handle through the door and into the spring and cam as shown. Line the set screw on the cam up to the dimple in the door handle.
- Tighten the set screw.
- If adjustment necessary.
- To adjust the door latch press the cam against the door, slide the collar toward the cam until the allen wrench hits the door and can go no further.
- Tighten the set screw

## Operation: Attach door (continued)

NOTE: The top and bottom hinge pins can be moved in or out to adjust the amount of pressure on the rope gasket when the door is closed. They also balance the gasket pressure between the left and right sides.

The top hinge pin can be moved left or right to adjust the centering of the rope gasket on the door frame

The following **4 tests** check the door alignment and pressure.

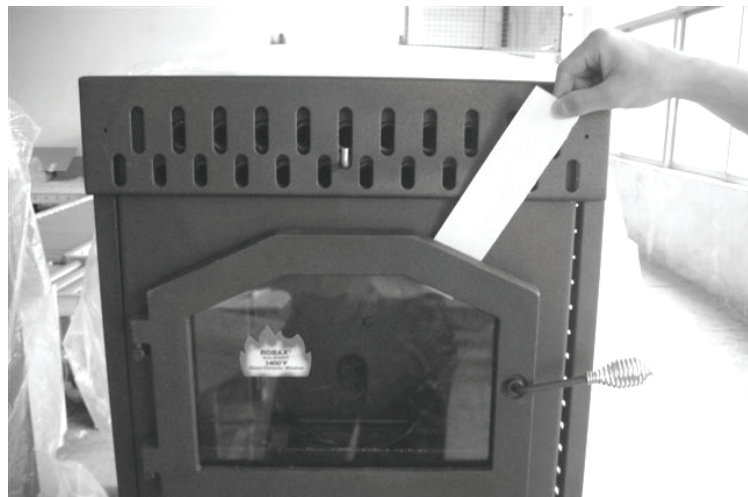
4. The **1<sup>st</sup> test** described in the photo below, gives a visual indication that the pressure will be fairly even across the door. This is an approximate measurement but will give you a quick idea if the hinge pins need to be adjusted.



As you close the door the gasket on the hinge side should start to compress against the left frame when the cam is even with the right side frame.

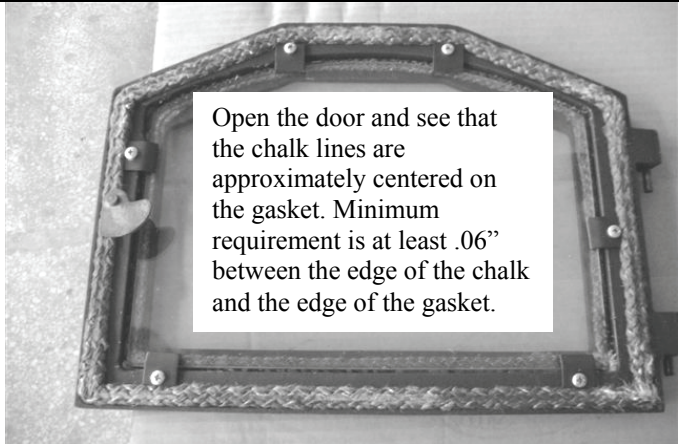
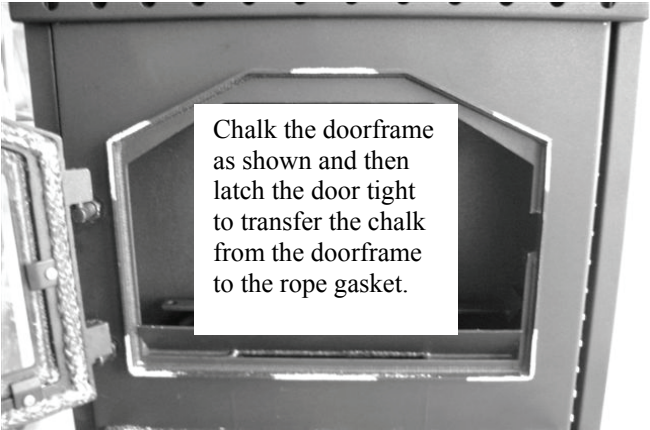
5. The **2<sup>nd</sup> test** confirms that the pressure is strong enough to provide a tight seal.

Cut photocopy grade paper into a 2-2.5"x 8-9" strip. Insert the strip at top, close door and attempt to remove. The paper must be tightly held and cannot be pulled out. The pressure must be such that the paper will tear before it slides out. Repeat at side left, side right, and bottom center.



**Operation: Attach door (continued)**

6. The **3<sup>rd</sup> test** confirms that the rope gasket is adequately centered on the doorframe when the door is latched tight.



7. The **4<sup>th</sup> test** is a final check to make sure the door is not tilted.

Measure the distance between the top of the doorframe and the edge of the main body. Then measure between the bottom of the doorframe to the edge of the main body. The difference between the 2 measurements must be 2 mm (.06”) or less .

