

DOOR GLASS 93-58300

INSTALLATION INSTRUCTIONS

Replaces MPNs: 93-58300, 3030-059

Before Installing

- **ALWAYS** unplug the unit before beginning any work
 - Allow the unit to cool completely if recently used
 - Work in a well-lit area with proper tools
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Installation Steps

1. Disconnect Power

- Ensure the unit is completely cooled down and drained of power.
- Unplug the stove from the powersource.

2. Access the Unit

- Prepare a smooth and sturdy work surface large enough to accommodate the front door of your stove. Cover the surface in cardboard or soft fabric to prevent damage to your door finish during this procedure.
- Prepare three 10" pieces of 2" x 4" wood or thick cardboard strips.
- Remove the two acorn nuts and washers attaching the top casting to the body of the stove using the 3/8" wrench. Refer to the stove diagram on page 5 for reference.
- Place two of the three 2" x 4" pieces on a diagonal between the top casting and the top of the stove body at the back two corners. This is to prevent chipping of the finish on enamel stoves.
- Gently lift the leading (front) edge of the top casting and prop it up from the firebox with the additional 2" x 4" piece. Carefully position the prop in the center of the top casting leading edge and on the flat

portion of the firebox top. Ensure not to prop on firebox heat fins. The top casting should be at an angle with the back edge resting on the stove body if done correctly.

- Locate the two Front Grill mounting studs along the front edge of the now exposed firebox . They will be located at the far right and left edges of the grill and will hold it to the body of the stove by sliding into two prominent cast slots on the firebox and fastening with a 1/4" nut and washer.
- Using the 7/16" wrench, loosen the mounting studs nuts. It is not necessary to remove them entirely.
- Gently lift the Front Grill from the body of the stove and set it aside, be careful not to damage the finish.
- Open the front door to about 3/4 of the full opening span.
- Stand facing the front side of the door with your right hand close to the hinge side and your left to the front door latch side. With an underhanded grip on your right hand, firmly grab the door face bottom rail.
- Grip the door face rail on the latch side with your left hand and gently but firmly raise the door straight vertically up until it is free from the hinge pivots. Place the door face down on the prepared work surface.
 - Once the door is free from the hinges it may move suddenly. Take care not to allow the door to contact the stove and potentially damage the finish.

3. Remove Old Door Glass

- Remove the 8 glass retention screws from inside the door using a #2 Phillips screwdriver.
 - It is a good idea to spray these screws with a product like WD40 or PB Blaster before this step. Doing so will greatly reduce the possibility of stripping or breaking any screws during removal. Allow the product time to penetrate and ease the screws.
- Remove the loose clips and fiber pads holding the glass in place.

- Carefully lift and remove the glass and gasket out from the door assembly, and then remove the old gasket out from the door channel starting from one of the gasket ends situated between the hinge pivots on the hinge side of the door.
 - **CAUTION:** If the glass panel is damaged, carefully remove each piece one at a time with safety gloves and discard them with the old glass gasket. Ensure no remaining shards or debris are left in the glass channel of the door.

4. Install New Door Glass

- lay the new glass gasket into the glass channel without stretching it, starting from the starting location the original gasket was removed from. Cut any excess length of gasket so the ends of the gasket touch without gaps in the channel
- Set the new glass panel onto the door with the white label facing the outside of the door (refer to the Before You Begin section of this document). Position the panel so it is centered on the opening.
- Carefully position the new glass panel so it sits flush to the door frame with the gasket sitting in between. Ensure the frame does not touch the glass directly when positioned.
- Secure the glass to the door frame with the 8 sets of retainer clips, fiber pads, and screws removed in Step 3. Ensure the pads are centered to the clips while securing them.
 - Uniformly tighten the clips until the glass **only** sits snug and sealed in the assembly. **DO NOT** over tighten or loosen the clips. The glass will expand and contract with use, so the glass must be secured appropriately; the glass will risk shattering if the clips are too tight, or allow too much air into the stove if too loose.

5. Connect Power

- Reinstall the door assembly to the door hinge pins
- Close the door to the stove. Ensure the door is sealed when closed

- Carefully slide the front grill studs back into the mounting slots, assure the washers are on the back side of the slot tabs (touching the nuts), and re-snug the retaining nuts.
 - Remove the 2" x 4" piece installed to prop up the top casting and gently lay the leading edge of the top casting back down on the top of the stove body
 - Remove the two remaining 2" x 4" pieces from step 2 and gently position the top casting to its original placement on the stove body.
 - Secure the top casting with the washers and acorn nuts removed in step 2.
 - Plug the stove's power cord into the power source.
 - Your new door glass is installed and ready to use.
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Post-Installation Check

- Verify all connections are secure
 - Test the seal of the door glass to ensure proper fitment. The glass should fit snugly to the door assembly and should not move or be too tight.
 - Check for any openings in the door seal. Closing the door on a piece of paper then attempting to pull it out would be the best method; The paper should not be able to move if that place on the gasket is completely sealed. If the paper is easy to pull out,
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Support

If you encounter any issues during installation, consult your owner's manual or contact technical support via our contact form.

Diagram

