

## PXE-100 Lid Latch Replacement

Kit Numbers 92484

Est. Time 60 minutes

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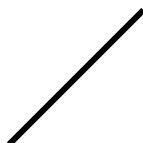
### Tools Required



Marker



Angle Grinder



316L Stainless Steel  
Welding Filler Rod



GTAW Welding Torch  
and Protection



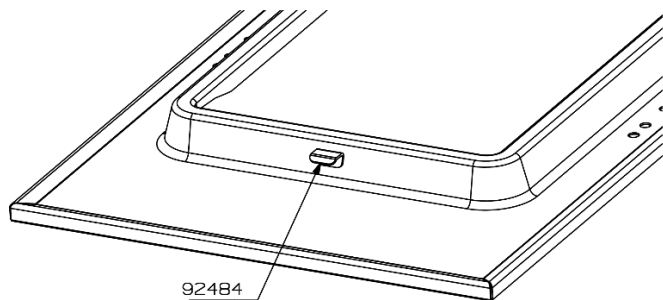
Wire Brush



Adjustable  
Wrench

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### Kit Includes



Lid Latch

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### Purpose

To replace a broken lid latch on Velocity fryers.

### Procedure



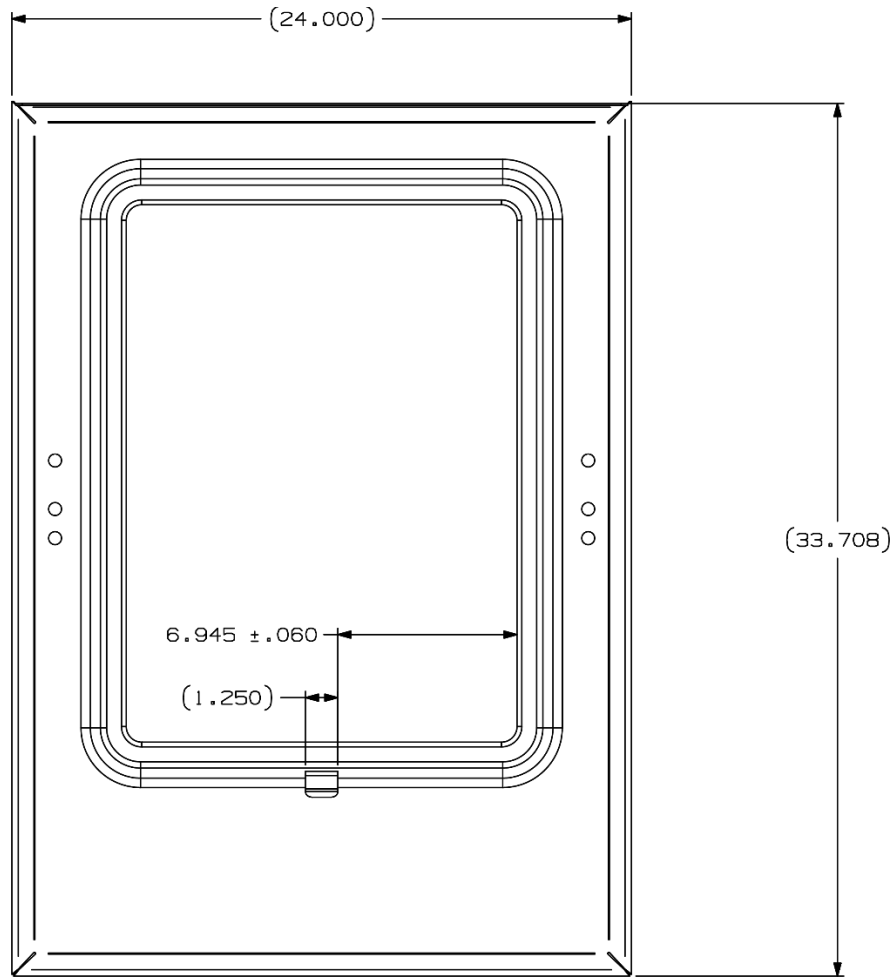
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Do not attempt this procedure while the fryer is in use or the fry pot is hot. Severe burns may result. Only perform this procedure when the fryer is cool and disconnected from the power source.

Remove electrical power from the fryer. Failure to do so may result in electrical shock.

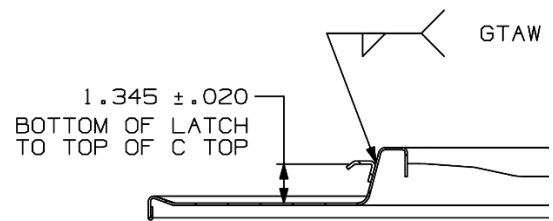
This procedure should only be performed by an experienced welder. Otherwise, injury or property damage may occur.

- 1 Using an angle grinder, grind off the remains of the existing catch clip.
- 2 Using a degreasing agent, clean the front of the pot band.



**Figure 1**

- 3 Using a marker, mark the horizontal location of the new catch clip. Clip should be centered with  $6.945 \pm .060$  inches on either side. See **Figure 1**.
- 4 Using a marker, mark the vertical location of the new catch clip. Bottom of clip should be positioned  $1.345 \pm .020$  inches from top of countertop. See **Figure 2**.



**Figure 2**

- 5 Use Gas Tungsten Arc Welding (GTAW) and a 316L filler to attach the new catch clip.
- 6 Use a wire brush to remove heat discoloration.

- 7 Using an adjustable wrench, adjust the lid latch. Gently flex the latch in or out as required.



**Figure 3**

- 8 Using an adjustable wrench, adjust the lid catch. Gently flex the catch in or out as required.



**Figure 4**

- 9 Open and close the lid while inspecting the lid latch and catch for engagement.



**Figure 5**

**NOTICE:** The lid latch to catch engagement should be smooth and not clunky. The lid latch should gently but firmly slide over the catch and engage without excessive play. If the lid must be slammed to lock, the engagement is too tight. If clip is not adjusted properly, damage to the clip may occur.