



**SI NUMBER:
2004-6**

**DATE:
OCTOBER 21, 2004**

SUBJECT

PAR-2 FIREBOX ASSEMBLY IGNITER BRACKET MODIFICATION

I PURPOSE:

Some stores equipped with PAR-2 Gas fryers have been experiencing abnormal failure of the Spark Ignitor Rods. Based on investigation of defective Rods returned, it has been determined these failures can be reduced by adding SPACERS between the Spark Ignitor Rod and the Fire Box Assembly. These spacers have been added to all PAR-2 Gas fryers currently in production.

II PRECAUTIONS:

- A. To preclude these abnormal failures of the Igniter Rod's, this modification should be accomplished on **ALL** PAR-2 Fryer Firebox's presently in use during the next Semi-Annual inspection.
- B. Recommend installation of additional nuts between the firebox and the Igniter Bracket be installed by authorized Service Agents or a technician qualified to service Ultrafryer Systems Gas Fryers.
- C. If needed, additional 10-32 nuts are available through the Customer Service Department by calling 1-800-525-8130 under PN 27A005.

III PROCEDURES:

A. REMOVAL

WARNING! THE FIREBOX OPERATES AT EXTREMELY HIGH TEMPERATURES AND WILL CAUSE SEVERE BURNS WHEN HOT! ENSURE FRYER HAS NOT BEEN IN OPERATION AND THE FIREBOX IS COOL TO THE TOUCH.

1. Ensure power has been removed from the fryer by unplugging the 120V power cord for the fryer from the 120V wall outlet of the store.
2. Open the fryer door and test the temperature of the firebox by placing the back of your hand approximately 2" from the firebox cover. **DO NOT TOUCH THE FIREBOX UNTIL IT HAS BEEN DETERMINED TO BE SAFE TO DO SO.**
3. When it has been determined to be safe to proceed, remove the four (4) 10-32 nuts and star washers retaining the firebox cover, place the nuts, washers and the cover aside for re-installation.

4. Remove the Igniter Cable from the Igniter Rod by grasping the boot and pulling it away from the Igniter Rod. Place the Igniter Cable out of the way.
5. Remove the 10-32 nut and star washer retaining the Grounding Wire. Place the wire out of the way and the nuts and washer aside for re-installation.
6. Remove the two (2) 10-32 nuts retaining the Igniter Bracket to the Firebox Assembly and retain for re-installation.
7. CAREFULLY extract the Igniter Rod Assembly from the Firebox (**NOTE** orientation of the Bracket) for re-installation.

A. INSTALLATION

1. Install two (2) additional 10-32 S/S nuts (PN27A005) on each Firebox weld stud and tighten until snug against the Firebox Assembly.
2. **CAREFULLY** re-install the Igniter Rod Assembly on the nuts just installed and secure with the previously removed two (2) 10-32 S/S nuts. **DO NOT OVERTIGHTEN** 15 in/lbs max.
3. Re-install the ground wire with one (1) star washer and one (1) 10-32 S/S nut and tighten to 15 in/lbs max.
4. Re-install the Igniter Cable Plug over the Igniter Bracket until it “clicks” in place.
5. Re-install the Firebox cover with the four (4) previously removed 10-32 S/S nuts, washers then tighten to 15 in/lbs max.
6. Insure **NO** debris has been left in the area and close the Controller Access door.
7. Test operate each vat upon successful completion of this bulletin in accordance with the applicable fryer controller manual which accompanied the fryer.

