

Johnson Controls Unitary Products
5005 York Drive
Norman, OK 73069
1/877-874-7378

DATE: August 14, 2014

YS-016-14

TO: All York Branch Service Managers
All York Distribution Service Managers
All Regional Managers

SUBJECT: 33" 80% Gas Furnace – Silicon Nitride Ignition Issue
YPLC, TM8V, TMLV, TM8T, TMLT, TM8X, TMLX, TG8S & TGLS Units

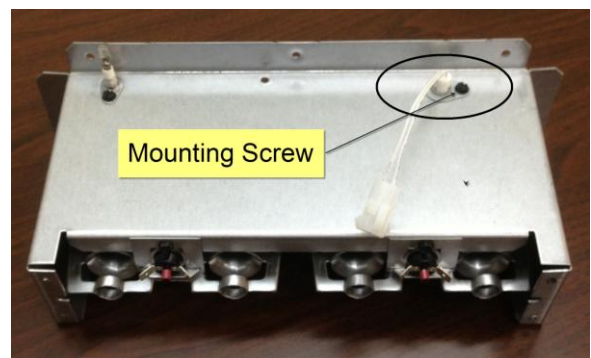
The silicon nitride igniter was introduced into production on both the 80% & 90% gas furnaces in April 2013. This past heating season we received calls regarding a lighting issue on some 80% models. Most dealers advised us they were relocating the igniter in an attempt to resolve the issue.

Since placement of the igniter is critical to its life expectancy, relocating the igniter in the field can create more problems. Our engineering group reviewed the issue and after extensive testing determined that a slight adjustment to the mounting position resolved the issue. We confirmed the new mounting position on several furnaces which experienced the lighting issue and find in all cases it resolved the problem. Therefore, we moved the igniter position beginning with furnaces produced in July 2014 (W1G4 date code). Although the issues were seen on 80% models, this change applies to both 80% and 90% furnaces.

The movement of the igniter is so small that it will not be visible to the naked eye; therefore, to help identify if you have the old or new position, we moved the mounting screw for the igniter from the left side to the right side of the burner box. See photos below. (Note that the burner box shown as mounted on 80% furnace.)



Original Mounting Position



New Mounting Position

The part numbers of the burner boxes are changing to reflect the new igniter position. Listed below are the part numbers of the old and new burner boxes.

Old Burner Box Part Number

S1-37327905001 2-Cell
S1-37327905002 3-Cell
S1-37327905003 4-Cell
S1-37327905004 5-Cell
S1-37327905005 6-Cell
S1-37327905006 7-Cell

New Burner Box Part Number

S1-37327985001 2-Cell
S1-37327985002 3-Cell
S1-37327985003 4-Cell
S1-37327985004 5-Cell
S1-37327985005 6-Cell
S1-37327985006 7-Cell

This letter provides a new burner box and a one hour labor allowance for the replacement of any burner box on 80% furnaces produced between April 2013 and July 2014 which are experiencing lighting issues. Make sure to reference this service letter number when filing warranty claims.

Mark Freund
Sr. Manager, Residential Field Service
Johnson Controls Unitary Products

Robert Cabrera
Director, Residential Engineering
Johnson Controls Unitary Products