

# Replacing VAL04210 with VAL08710 and KIT09660

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## Issue:

Replacing VAL04210 with VAL08710 and KIT09660

## Resolution:

This solution is intended to guide technicians through the process of replacing the VAL04210 (Radiant Sense Ignition) with the VAL08710 & KIT09660 (Flame Rectification Flame Sense.)

To use the VAL08710 as a replacement for the VAL04210 the furnace must be converted to flame rectification ignition system using KIT09660. With this conversion the 4-pin connector for VAL04210 must be clipped off and the red & blue wires from this connector must have a female connector attached to each to connect to the VAL08710. These are the only connections needed.

## Notes:

## Changes:

## Other Question/Problem/Cause Statements:

- What wiring modifications will I need to make when installing the VAL08710 & KIT09660 in place of the VAL04210?
- How do I replace my VAL04210?
- Why do the electrical connection terminals on the VAL08710 not match up with those designed to receive the plug on my unit like on the original VAL04210?

## Facts:

- VAL04210
- VAL08710
- KIT09660
- AUJ
- AUE
- ADJ
- ADE
- TUJ
- TUE
- TDJ
- TDE
- Gas Valves

Replacing VAL04210 with VAL08710 and KIT09660

- Radiant Sense Ignition Systems
- Flame Rectification Sense
- Gas Residential Furnaces
- Trenton Built Furnaces
- Controls
- General

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