

# REPAIR PART KIT INSTALLATION MANUAL

## CONTROL BOARD KIT S1-33102936001 (ECM) & S1-33102937001 (PSC) FOR USE WITH ALL MODULATING 33" 80% AND 97%+ FURNACES

### GENERAL

This kit contains a replacement control board for variable speed modulating gas furnaces with ECM and PSC motors.

The kit also includes all of the jumper (ID) plugs used with these models. The ID plug is to be connected into the ten-pin connector on the board before operating the furnace.

The ID plug is used to identify to the control board which model of furnace is being controlled. For proper operation, make sure that the correct ID plug is installed for your furnace model, as shown in table below.

Failure to install the correct ID plug will result in loss of efficiency and may result in other operational problems.

80% Furnace Model	Wire Color	80% ID Plug
060A12	White/Brown	365782/025-41352-000
080B12	White/Red	365783/025-41353-000
080C16	White/Blue	365784/025-41354-000
100C16	White/Black	365785/025-41355-000
100C20	White/Green	365786/025-41356-000
120C20	White/Purple	365787/025-41357-000

97%+ Furnace Model	Wire Color	97%+ ID Plug
060B12	Yellow/Brown	397778/025-41370-000
080B12	Yellow/Red	397779/025-41371-000
080C16	Yellow/Blue	397780/025-41372-000
100C16	Yellow/Black	397871/025-41373-000
100C16	Yellow/Green	397872/025-41374-000
120D20	Yellow/Purple	397873/025-41375-000

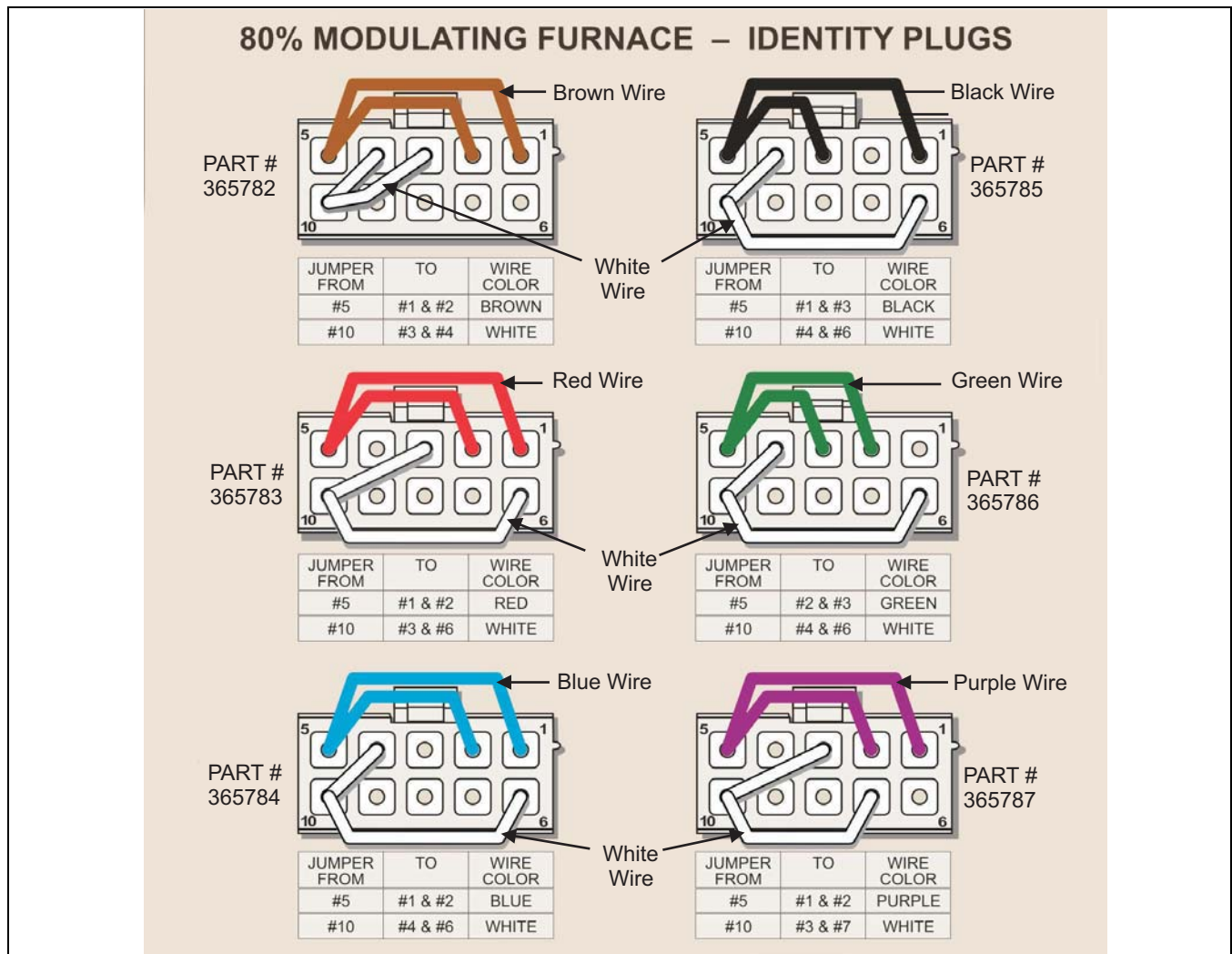
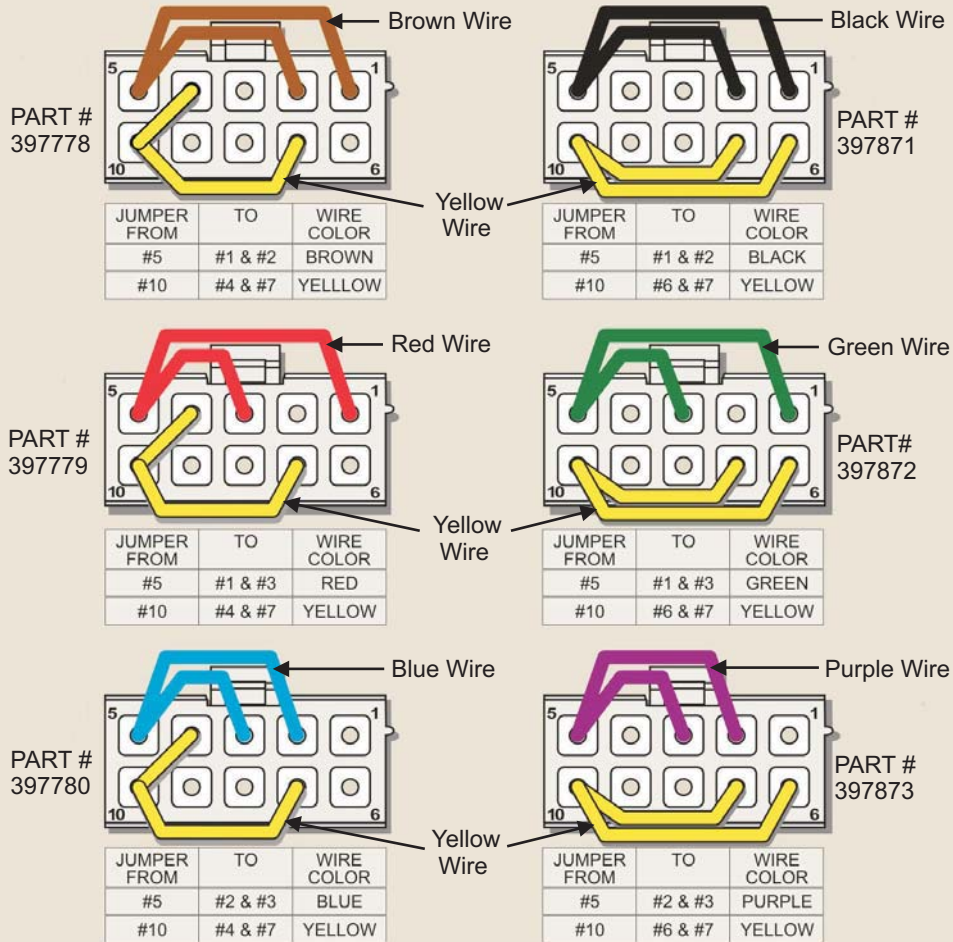


FIGURE 1: 80% ID Plug Wire Reference

## 97%+ MODULATING FURNACE - IDENTITY PLUGS



**FIGURE 2: 97%+ ID Plug Wire Reference**