

REPAIR PART KIT INSTALLATION MANUAL

CONTROL BOARD KIT (S1-33102964000)

FOR USE WITH ALL ECM MODULATING 33" 80% AND 97%+
FURNACES WITH WHITE-RODGERS 36J GAS VALVE

IMPORTANT

The control board in this kit may ONLY be used to replace control board 507820, used in ECM modulating furnaces with the 36J White-Rodgers gas valve. It cannot be used in furnaces with the 36E White-Rodgers gas valve.

GENERAL INFORMATION

This kit contains a replacement control board for variable speed modulating gas furnaces that have the White-Rodgers 36J (stepper) gas valve.

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.

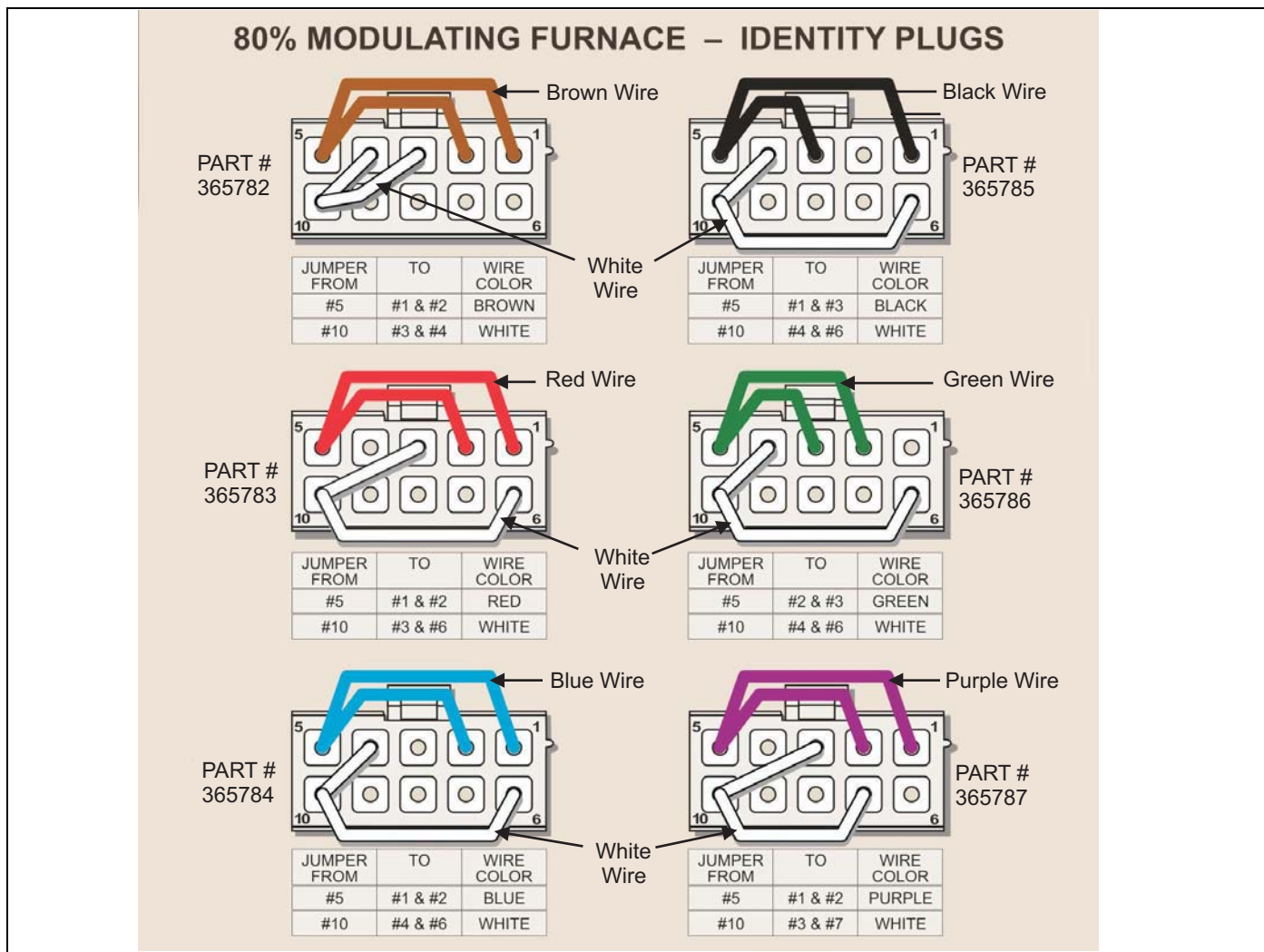


FIGURE 1: 80% ID Plug Wire Reference

97%+ MODULATING FURNACE - IDENTITY PLUGS



FIGURE 2: 97%+ ID Plug Wire Reference

80% Furnace Model	Wire Color	80% ID Plug	97%+ Furnace Model	Wire Color	97%+ ID Plug
060A12	White/Brown	365782/025-41352-000	060B12	Yellow/Brown	397778/025-41370-000
080B12	White/Red	365783/025-41353-000	080B12	Yellow/Red	397779/025-41371-000
080C16	White/Blue	365784/025-41354-000	080C16	Yellow/Blue	397780/025-41372-000
100C16	White/Black	365785/025-41355-000	100C16	Yellow/Black	397871/025-41373-000
100C20	White/Green	365786/025-41356-000	100C20	Yellow/Green	397872/025-41374-000
120C20	White/Purple	365787/025-41357-000	120D20	Yellow/Purple	397873/025-41375-000