

AC READY KIT

PART NOS. 7520U, 51950U,
51970U, & 21905U



INSTALLATION INSTRUCTIONS

Notice Special Requirements

CAUTION

This Equipment must be installed, adjusted and started only by a qualified service technician – an individual or agency, licensed and experienced with all codes and ordinances, who is responsible for the installation and adjustment of the equipment. The installation must comply with all local codes and ordinances and with the National Fire Protection Standard for Liquid Fuel Equipment, NFPA 31 (or CSA B139-M91).

Replacement Parts

Description	Part Number
GeniSys 7505 Replacement	7520U (Includes GeniSys 7505 & 51950U)
AC Ready Kit	51950U (Includes 51970U & 21905U)
Terminal Base only	51970U
Transformer only	21905U

Specifications

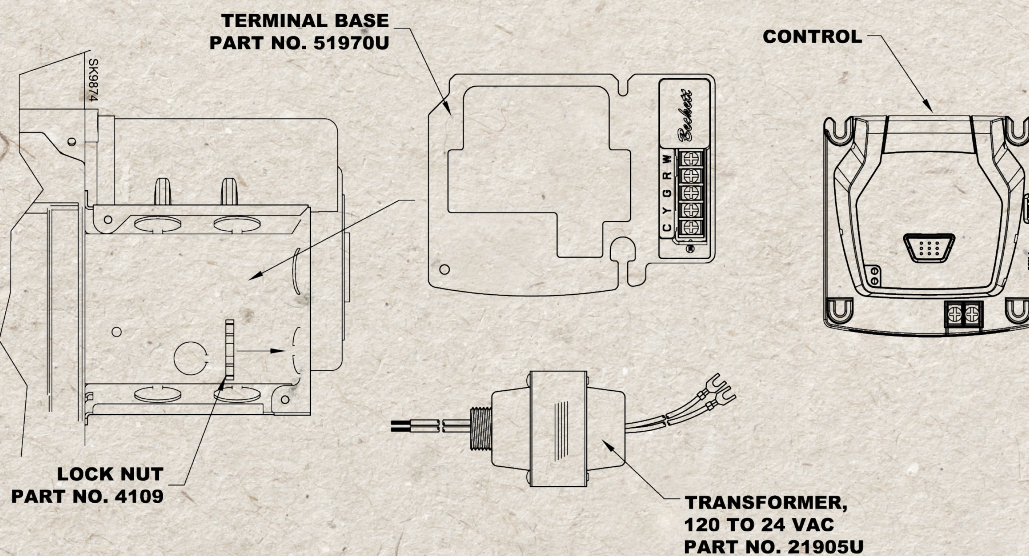
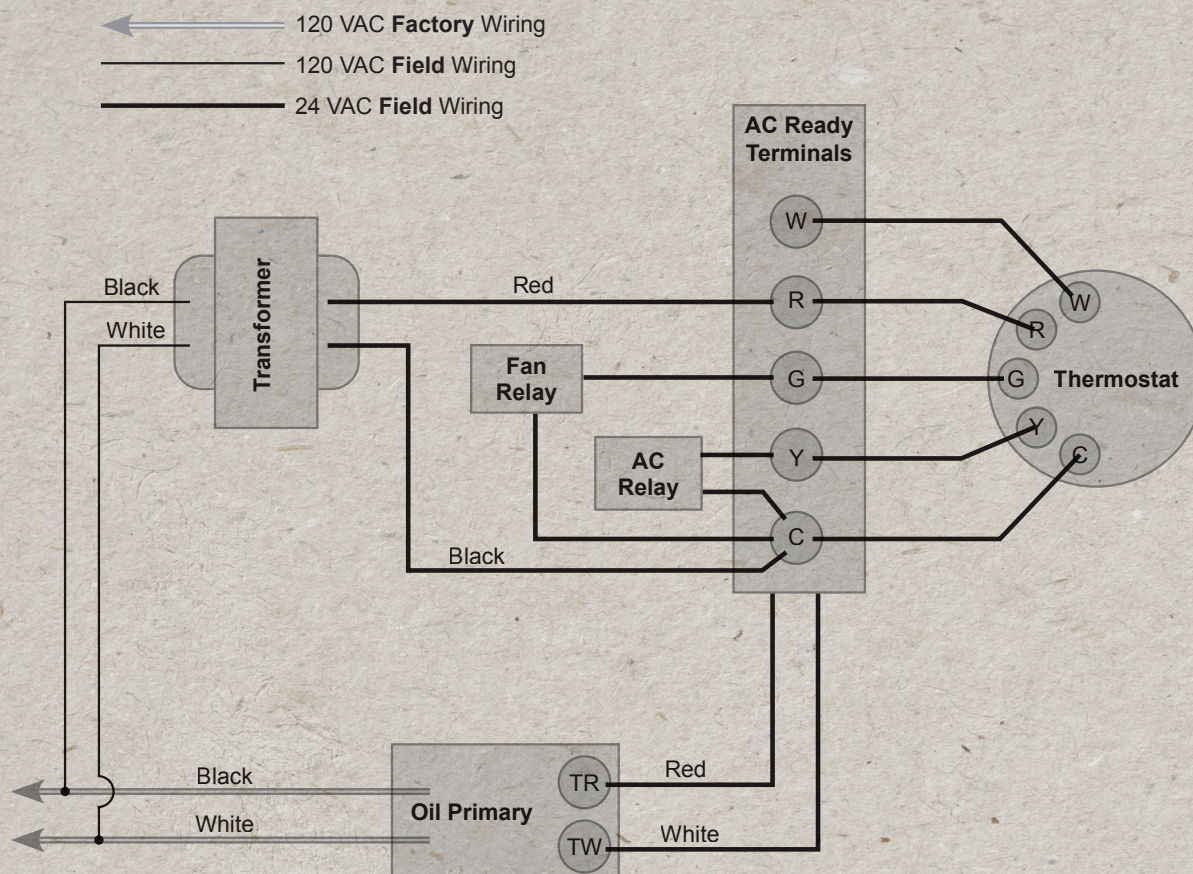
Transformer Input Voltage: 120 volts
Transformer Output Voltage: 24 volts

Installation Instructions

1. Disconnect power before servicing burner.
2. Remove existing control.
3. Remove wiring box knock-out.
4. Insert white & black wires of transformer, Part No. 21905, through knock-out and secure transformer to wiring box using supplied lock nut.
5. Connect black wire L1 and white wire L2 to 120 volt power supply in wiring box using wire nuts.
6. Place baseplate on wiring box. Pull connecting burner wires through main opening.
7. Reconnect wires to the control (see primary control wiring diagrams for complete wiring instructions). Install control over baseplate and onto wiring box.
8. Connect red transformer wire with fork connector to R terminal on AC/Ready terminal board. Connect black transformer wire with fork connector to C terminal on AC/Ready terminal board.
9. Connect white low voltage wire from terminal board to TW on primary control. Connect red wire low voltage wire from terminal board to TR on primary control.
10. Connect low voltage thermostat wires to AC Ready Kit terminals as shown in wiring illustration on reverse page.

Continued on Reverse ►

Wiring Requirements for New Installation, Or Direct Replacement



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