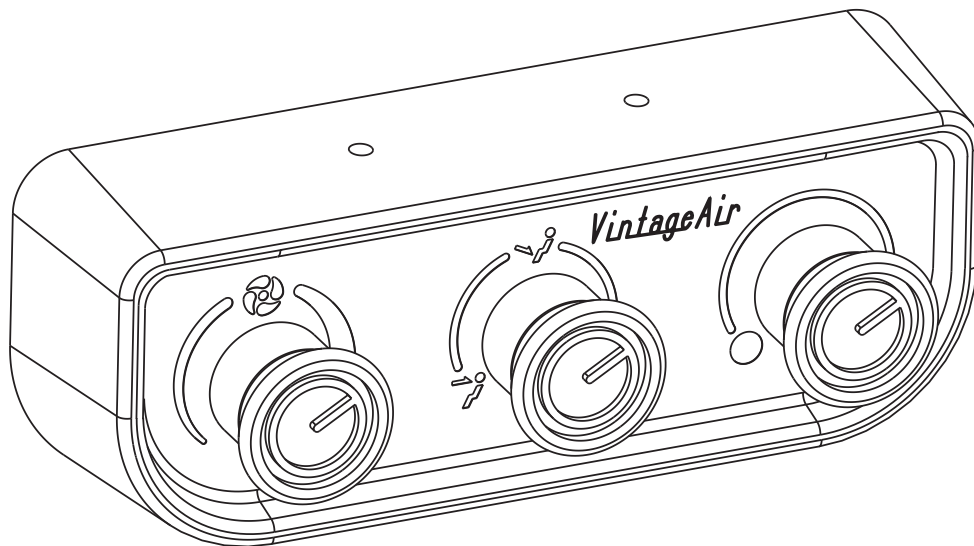




Slimline Gen IV / Gen 5

**Rotary Control Panel Kit
(492155)**



**18865 Goll St. San Antonio, TX 78266
Phone: 800-862-6658
Sales: sales@vintageair.com
Tech Support: tech@vintageair.com
www.vintageair.com**



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Important Notice—Please Read

This control panel is designed to work with a Gen IV evaporator unit equipped with a 246204-PUA ECU (all ECU's on Gen 5 evaporators will work with this control). Please confirm that your unit has the proper ECU prior to installing the control panel. A replacement ECU can be purchased from Vintage Air if needed.

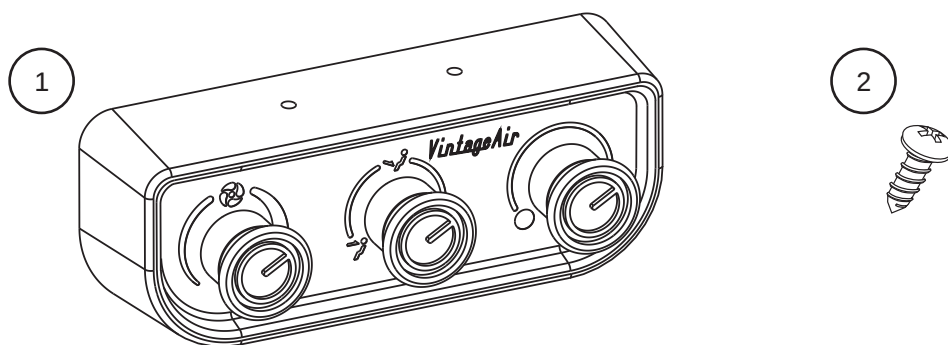


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Packing List: Control Panel Kit (492155)

No.	Qty.	Part No.	Description
1.	1	492154	Control Panel Pod Assembly
2.	2	18235-VUB	Screw, #8 x 1/2", Pan Head

**** Before beginning installation, open all packages and check contents of shipment.
Please report any shortages directly to Vintage Air within 15 days. After 15 days,
Vintage Air will not be responsible for missing or damaged items.**



**NOTE: Images may not depict actual parts and quantities.
Refer to packing list for actual parts and quantities.**



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Control Panel Installation

1. Install the control panel pod assembly under the dash and secure it using (2) #8 x 1/2" pan head screws as shown in Figure 1, below.

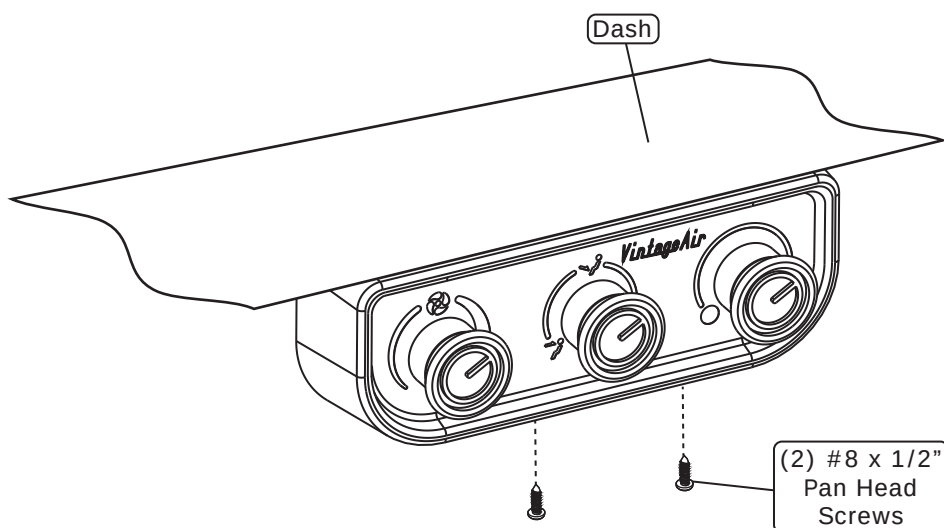


Figure 1



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Final Steps

1. Plug the wiring harnesses into the ECU module on the sub case (See Figure 1, below).
2. Wire according to the wiring diagram on Page 6 for Gen IV systems or Page 7 for Gen 5 systems.

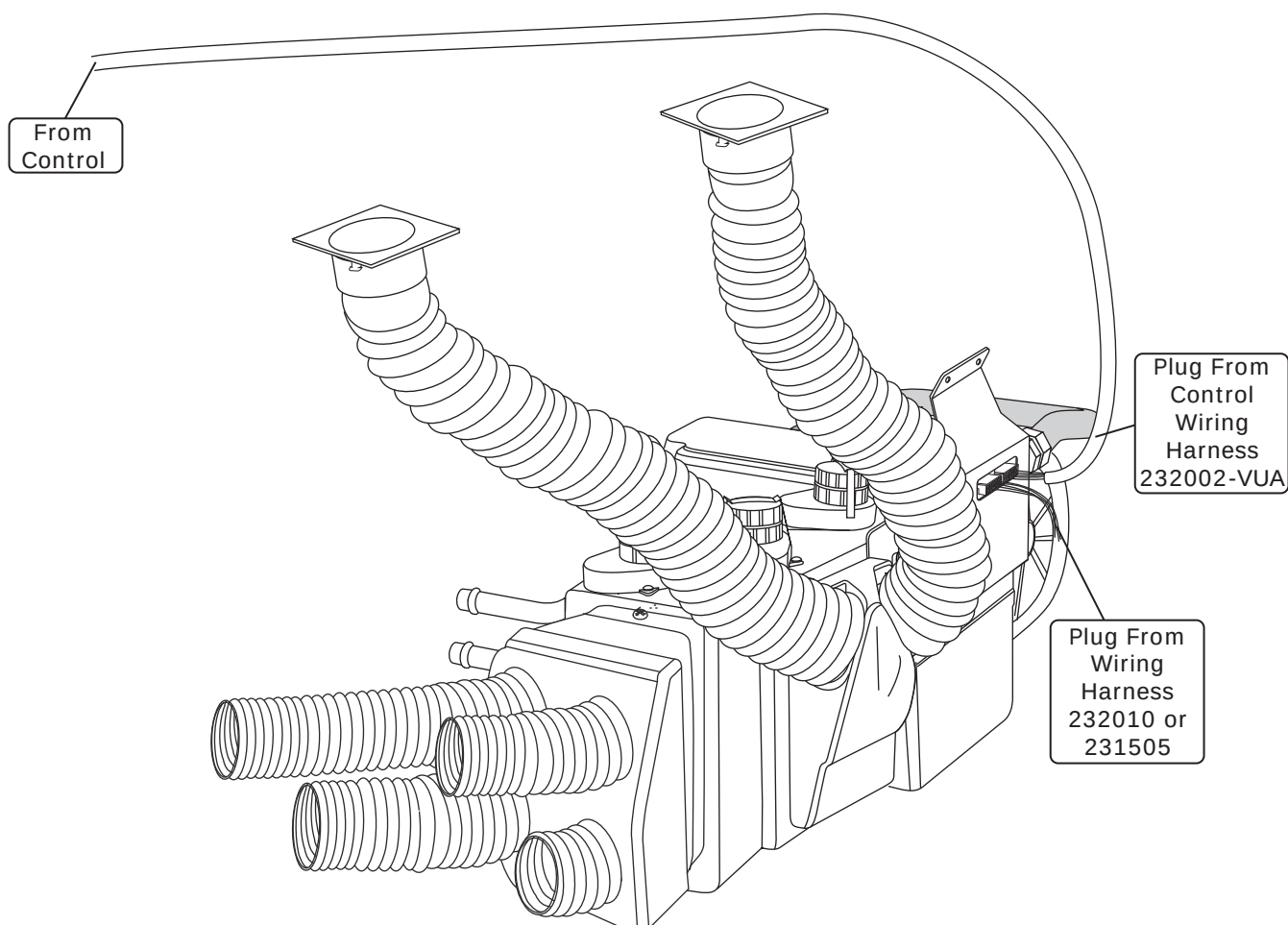


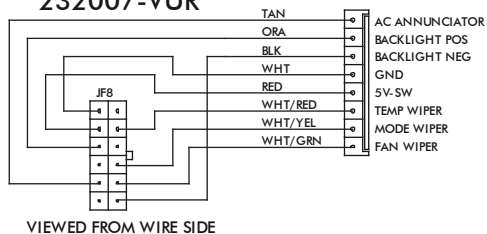
Figure 1



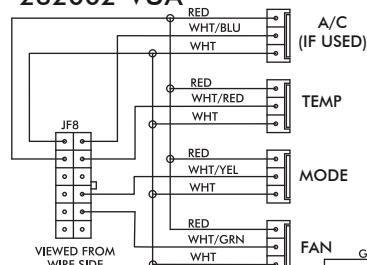
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Gen IV Wiring Diagram

232007-VUR



232002-VUA

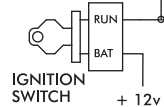


PROGRAM

* DASH LAMP (IF USED)

*** WIDE OPEN THROTTLE SWITCH (OPTIONAL)

WHT

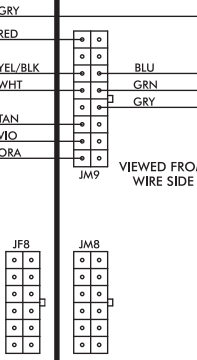


** CIRCUIT BREAKER 30 AMP

COMPRESSOR RELAY

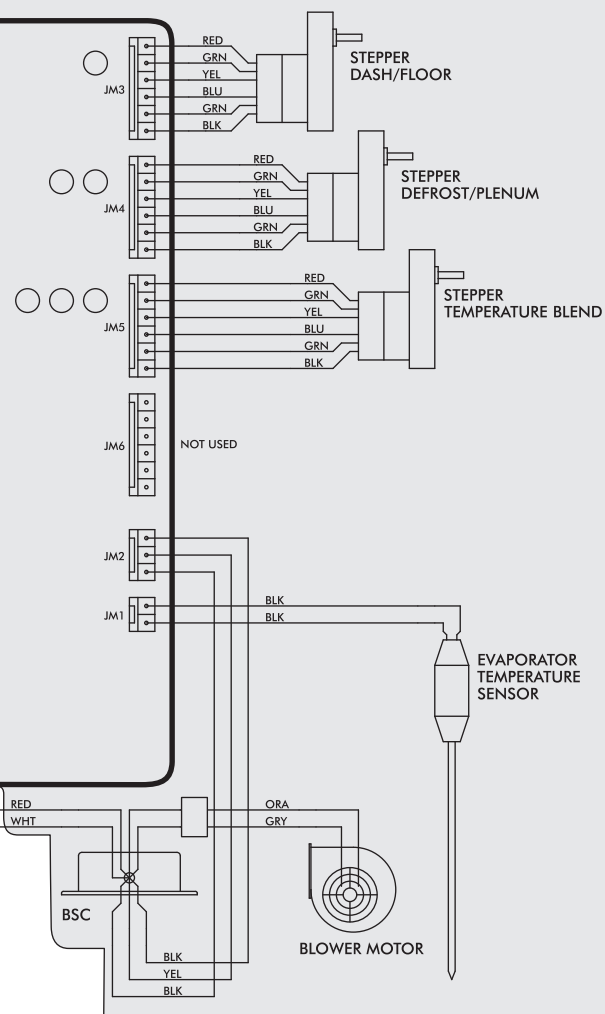


GEN IV ECU



VIEWED FROM WIRE SIDE

PRE-WIRED



EVAPORATOR TEMPERATURE SENSOR

BLOWER MOTOR

BINARY OR TRINARY SAFETY SWITCH

CMPR

HEATER CONTROL VALVE

NOTE: = CHASSIS GROUND

* Dash lamp is used only with type 232007-VUR harness.

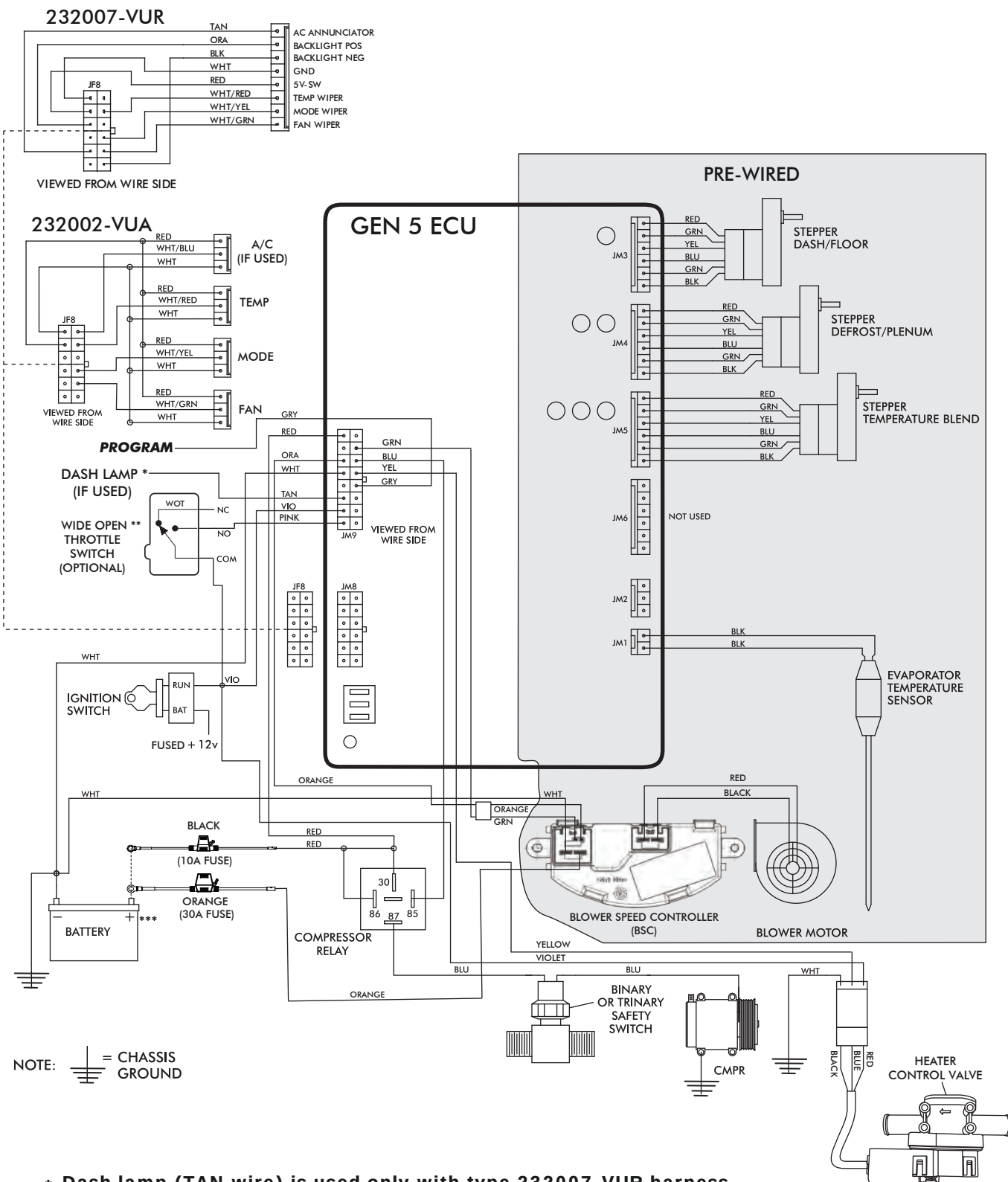
** Warning: Always mount circuit breaker as close to the battery as possible. (NOTE: Wire between battery and circuit breaker is unprotected and should be carefully routed to avoid a short circuit).

*** Wide open throttle switch contacts close only at full throttle, which disables A/C compressor.



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Gen 5 Wiring Diagram



* Dash lamp (TAN wire) is used only with type 232007-VUR harness.

** Wide open throttle switch contacts close only at full throttle, which disables A/C compressor.

*** Install fuse assemblies at or as near to the battery as possible.



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Operation of Controls

On Gen IV and Gen 5 systems with three lever/knob controls, the temperature control toggles between heat and A/C operations. To activate A/C, move the temperature lever/knob all the way to cold and then back it off to the desired vent temperature. For heat operation, move the temperature lever/knob all the way to hot and then adjust to the desired vent temperature. The blower will momentarily change speed, each time you toggle in and out of heat and A/C operations, to indicate the change.

Blower Speed

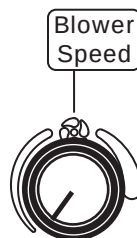
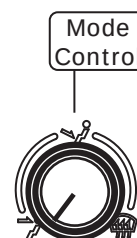
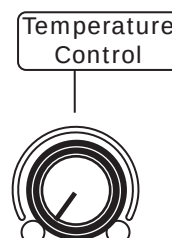
This lever/knob controls blower speed, from OFF to HI.

Mode Control

This lever/knob controls the mode positions, from DASH to FLOOR to DEFROST, with a blend in between.

Temperature Control

This lever/knob controls the temperature, from HOT to COLD.



A/C Operation

Blower Speed

Adjust to desired speed.

Mode Control

Adjust to desired mode position (DASH position recommended).

Temperature Control

For A/C operation, adjust to coldest position to engage compressor (Adjust between HOT and COLD to reach desired temperature).



Heat Operation

Blower Speed

Adjust to desired speed.

Mode Control

Adjust to desired mode position (FLOOR position recommended).

Temperature Control

For maximum heating, adjust to hottest position (Adjust between HOT and COLD to reach desired temperature).



Defrost / De-fog Operation

Blower Speed

Adjust to desired speed.

Temperature Control

Adjust to desired temperature.

Mode Control

Adjust to DEFROST position for maximum defrost, or between FLOOR and DEFROST positions for a bi-level blend (Compressor is automatically engaged).



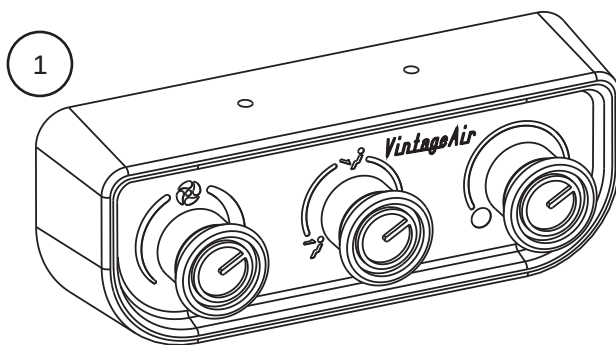
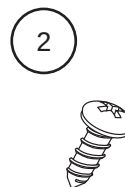


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2.	2	18235-VUB	Screw, #8 x 1/2", Pan Head

Checked By: _____
Packed By: _____
Date: _____



**NOTE: Images may not depict actual parts and quantities.
Refer to packing list for actual parts and quantities.**