



Rotary

3-Knob Control Pod with Louver Kit (492156)



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Important Notice—Please Read

This control panel is designed to only 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 as shown below. A replacement ECU can be purchased from Vintage Air if needed.





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Packing List: Control Panel Kit (492156)

No.	Qty.	Part No.	Description
1.	1	492152	Control Pod with Louver, Rotary 3-Knob
2.	2	182353	Screw, #8 x 1/2", Wide Head
3.	2	31102-GUR	Plug, 1/2", Plastic

**** 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.**

1



2



3



**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 Options

1. The Gen IV/Gen 5 Rotary Control Panel may be installed either under the dash or in the dash.
 - A. To install the control panel under the dash using the supplied control panel pod, see Under Dash Control Panel Pod Installation below.
 - B. To install the control panel in the dash, see Dash Modification for In Dash Rotary Pot Installation on Page 5.

Under Dash Control Panel Pod Installation

1. Install the control panel pod under the dash using (2) #8 x 1/2" pan head screws as shown in Figure 1, below.
2. Install (2) 1/2" plastic caps underneath the control panel pod to cover the holes (See Figure 2, below).

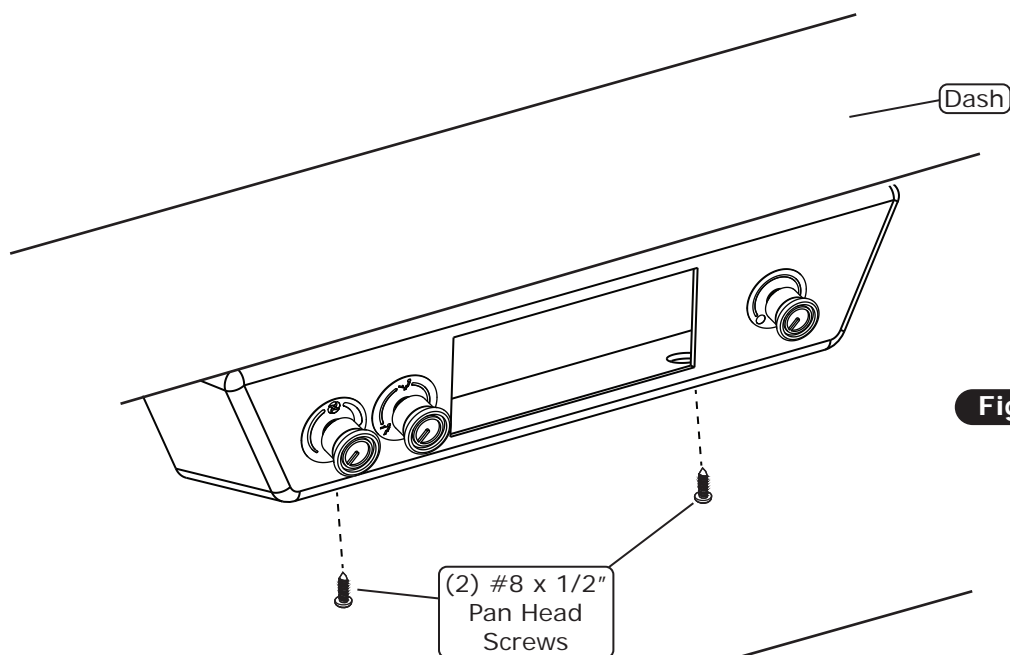


Figure 1

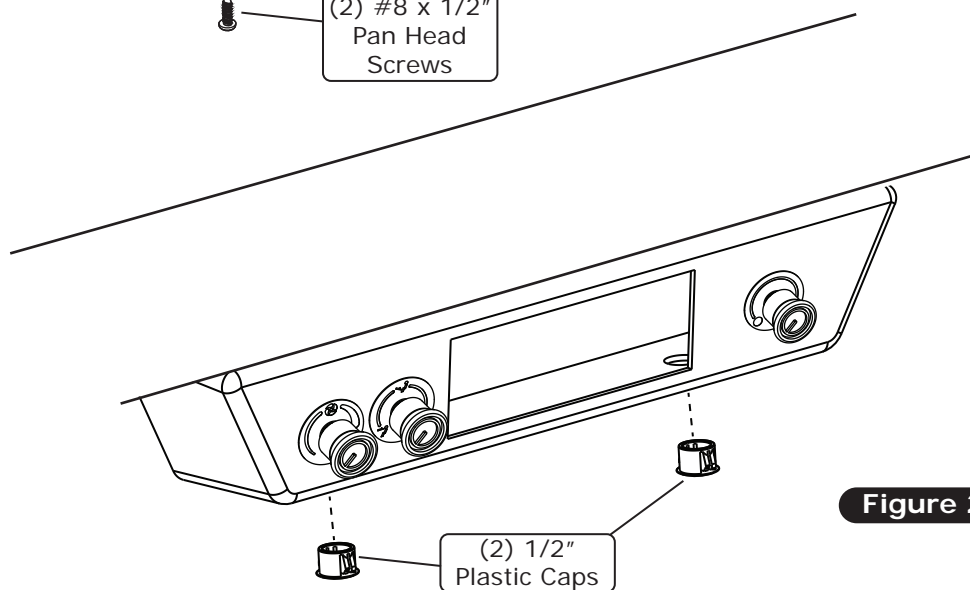


Figure 2



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Rotary Pot Installation

NOTE: Illustrations below are for reference in the event the control needs to be taken apart before installation.

1. Install (3) rotary pot assemblies into the pod or dash as shown in Figure 1, below.
2. Tie wrap the wires to the rotary pots as shown in Figure 1a, below.

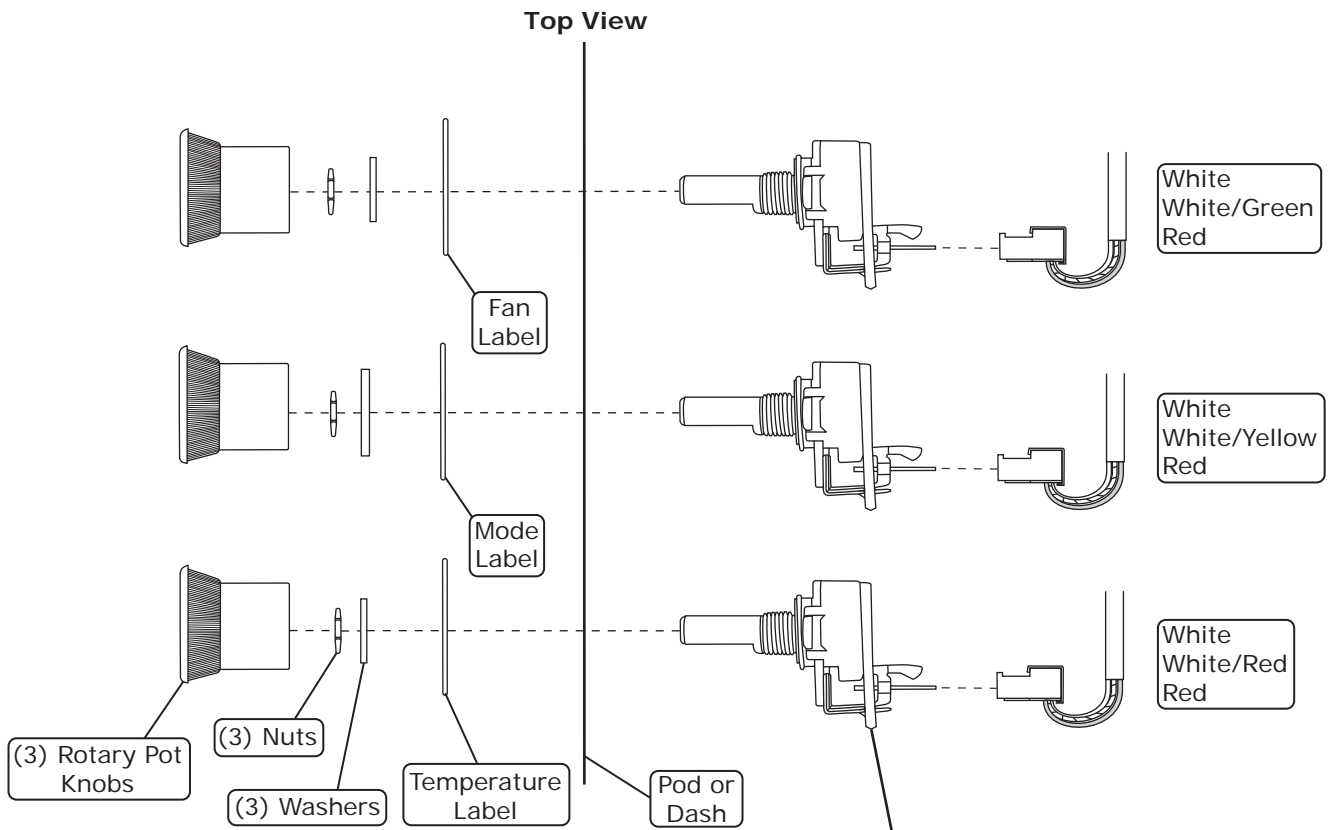


Figure 1

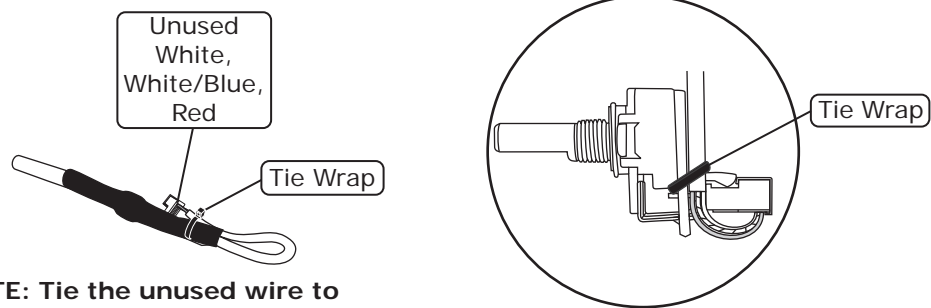


Figure 1a

NOTE: Tie the unused wire to the wiring harness as shown above.



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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 7 for Gen IV systems or Page 8 for Gen 5 systems.

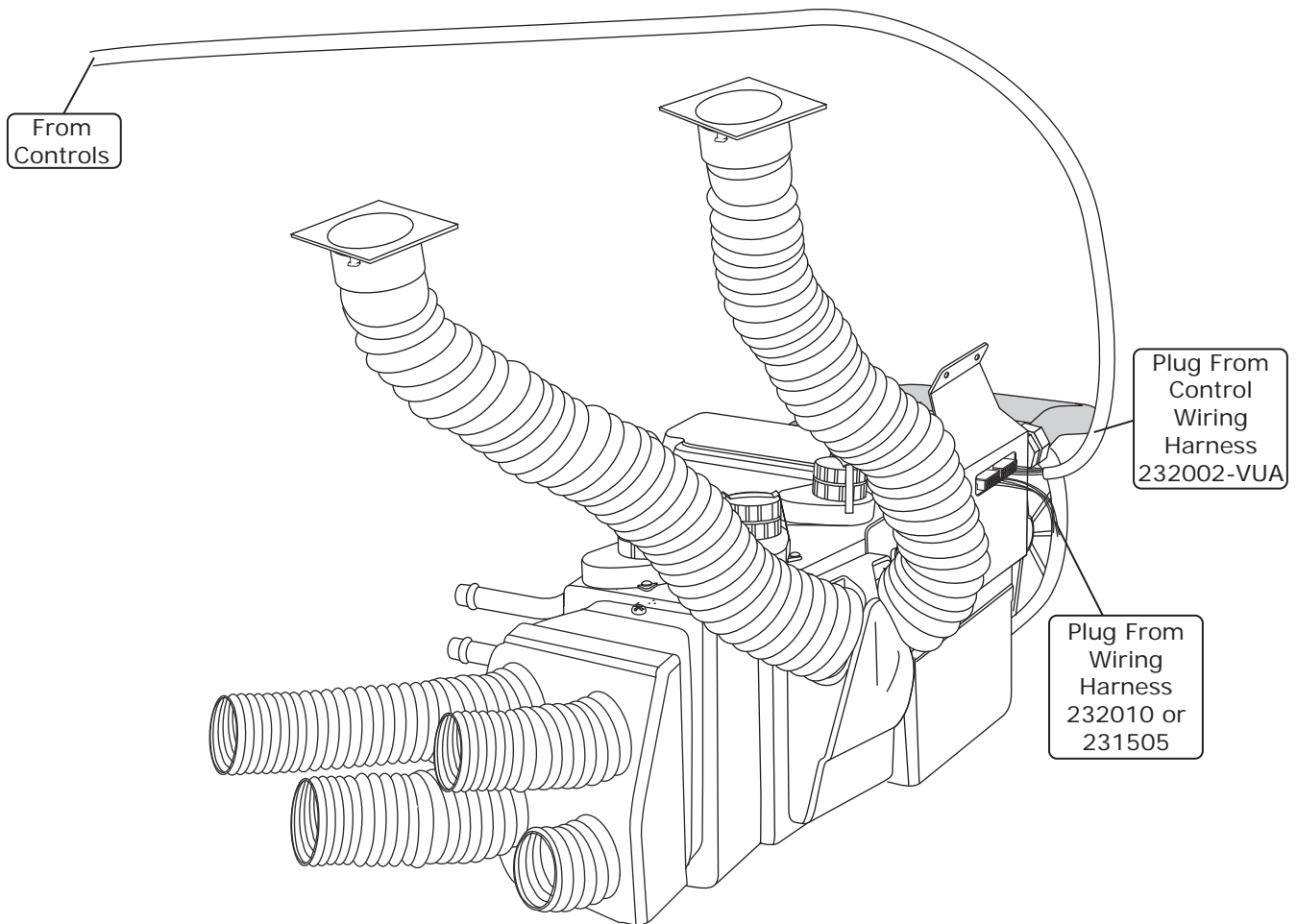
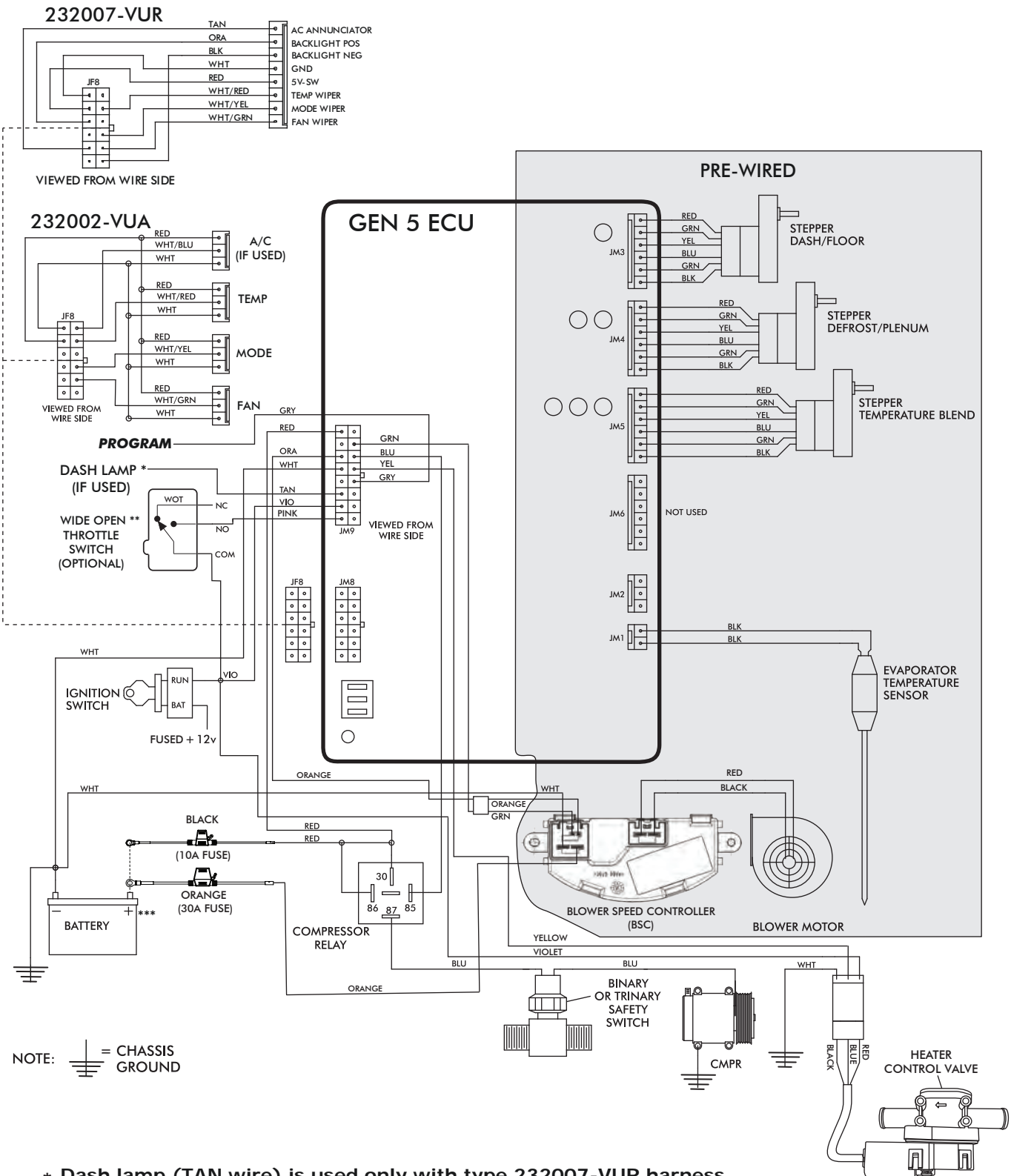


Figure 1



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Gen 5 Wiring Diagram



NOTE: = CHASSIS GROUND

- * 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.

Blower Speed



Mode Control



Temperature Control



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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Checked By: _____
Packed By: _____
Date: _____

1



2



3



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