



# 1982-92 Camaro/Firebird

Control Panel Kit  
(474148)



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## Packing List: Control Panel Kit (474148)

No.	Qty.	Part No.	Description
1.	1	474147	Control Panel Assembly
2.	1	232007-VUR	Control Harness, Gen IV/Gen 5 Universal

**\*\* 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



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



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## OEM Control Panel Removal

**NOTE:** This control panel instruction was designed on a 1992 Chevrolet Camaro, pictures and steps may vary between different years and models. The radio does not have to be removed on this application.

1. Remove (4) OEM screws from console bezel (See Photo 1, below).
2. Remove (3) screws from the OEM control panel (See Photo 2, below).



Photo 1



Photo 2



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## Control Panel Installation

1. Install the new control panel using the previously removed screws. **NOTE: Center the control panel in the bezel opening and adjust as needed before tightening screws (See Photo 3, below).**

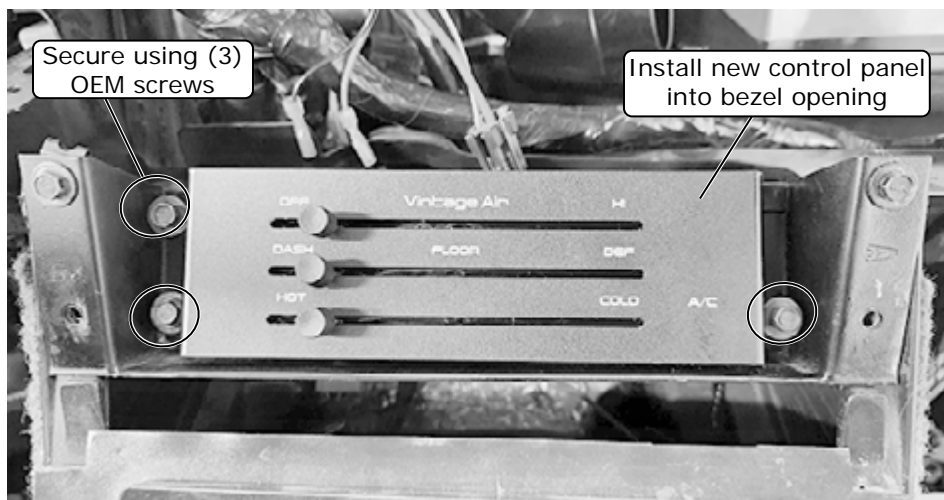


Photo 3

## Control Harness Installation

1. Plug the Gen IV universal control harness connector into the ECU (See Photos 1 and 2, below). **NOTE: The ECU module is located on the evaporator subcase. When using a Vintage Air supplied control panel, connect the tan wire from the GEN IV evaporator wiring harness (232600-VUA) to the factory dash lights to enable backlighting.**



Photo 1

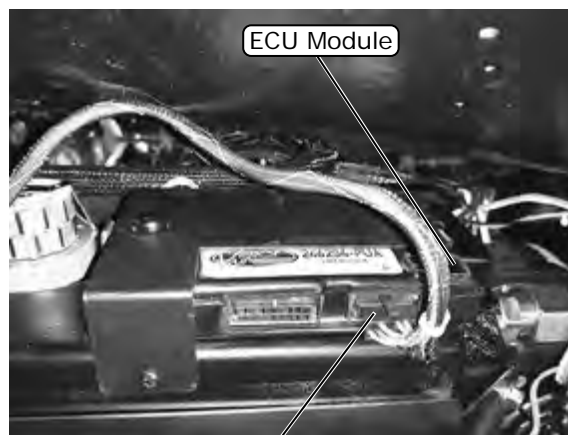


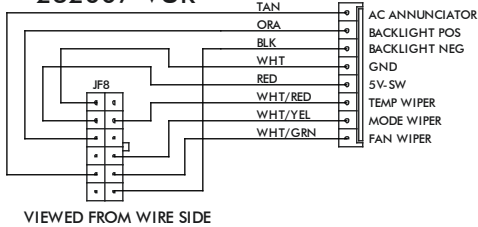
Photo 2



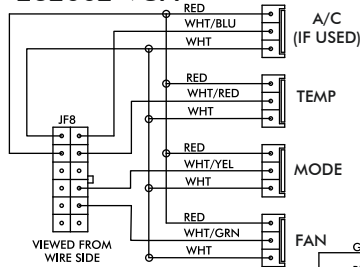
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# Gen IV Wiring Diagram

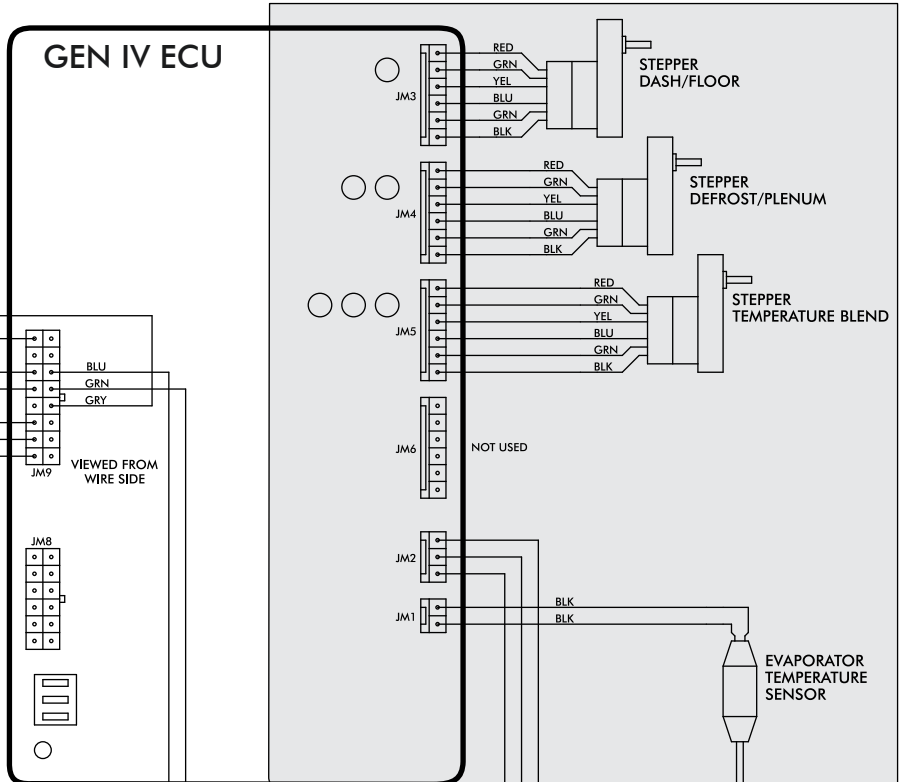
## 232007-VUR



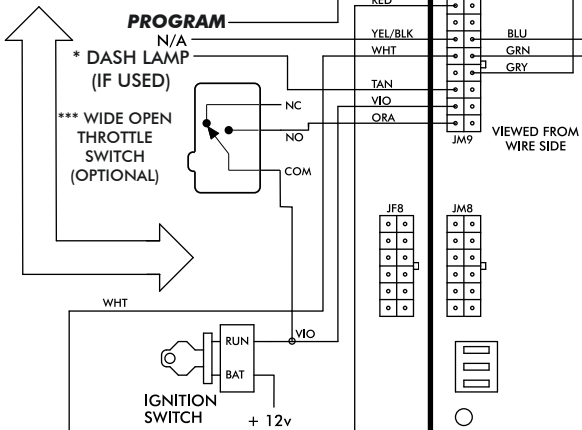
## 232002-VUA



## GEN IV ECU



### PROGRAM



NOTE: = CHASSIS GROUND

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

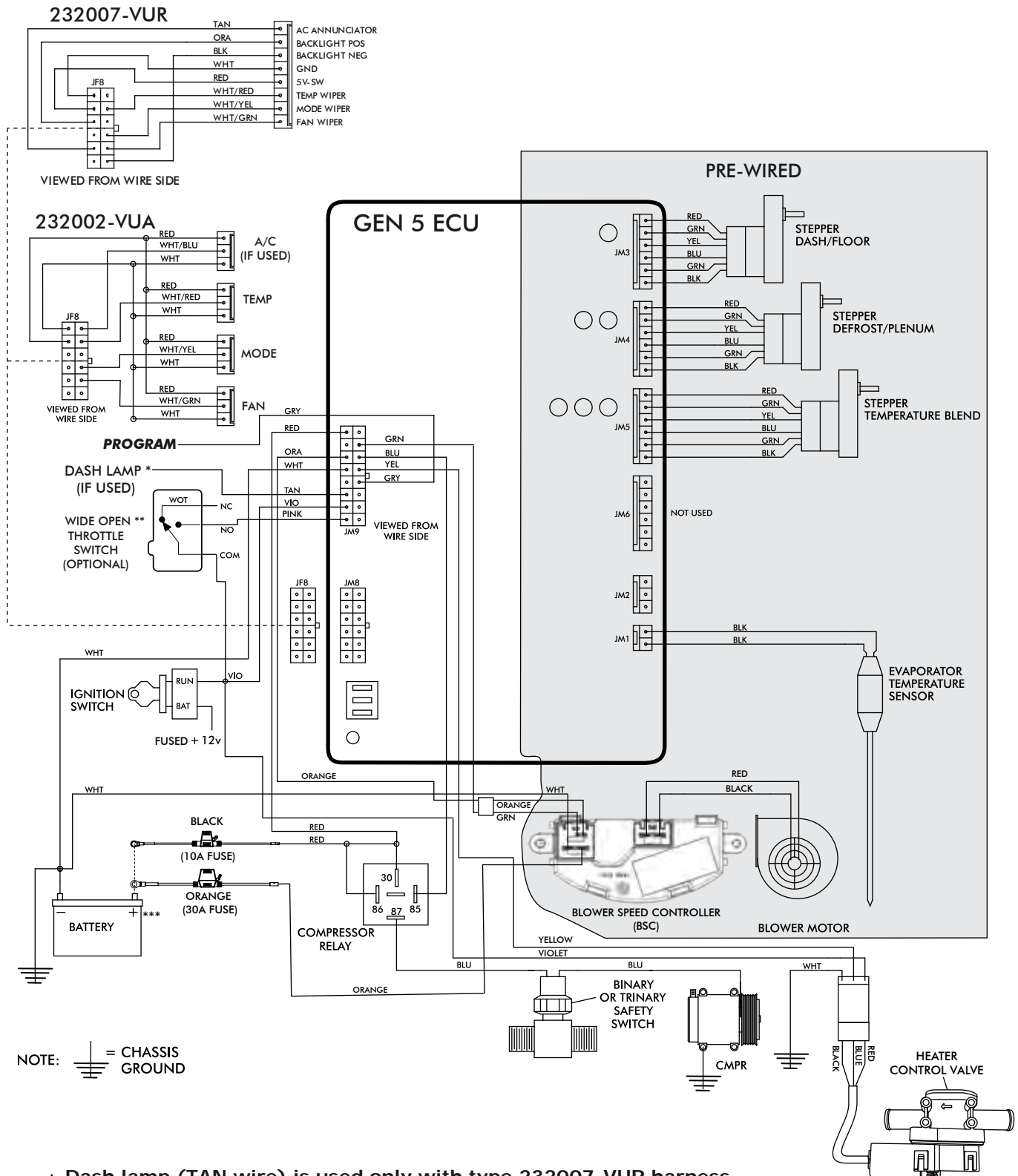
\*\* Warning: Always mount circuit breaker as close to the battery as possible. (NOTE: Wire between battery and circuit breaker is unprotected and should be carefully routed to avoid a short circuit).

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



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# Gen 5 Wiring Diagram



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

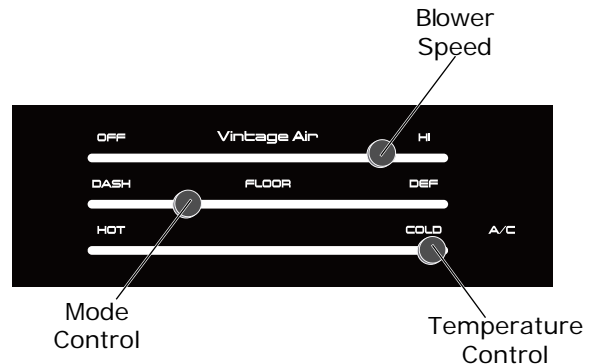
This lever/knob controls blower speed, from OFF to HI.

### Mode Control

This lever/knob controls the mode positions, from DEFROST to FLOOR to DASH, 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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# Packing List: Control Panel Kit (474148)

No.	Qty.	Part No.	Description
1.	1	474147	Control Panel Assembly
2.	1	232007-VUR	Control Harness, Gen IV/Gen 5 Universal

Checked By: \_\_\_\_\_  
Packed By: \_\_\_\_\_  
Date: \_\_\_\_\_

1



2



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