



# 1988-94 Chevrolet Pickup

Control Panel Kit  
(474145)



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## Packing List: Control Panel Kit (474145)

No.	Qty.	Part No.	Description
1.	1	474144	Control Panel Assembly
2.	1	232007-VUR	Control Harness, Gen IV/Gen 5 Universal
3.	2	182354	Screw, #6 x 1/2", Thread-Forming
4.	2	21300-VUP	Tie Wrap, 11"

**\*\* 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



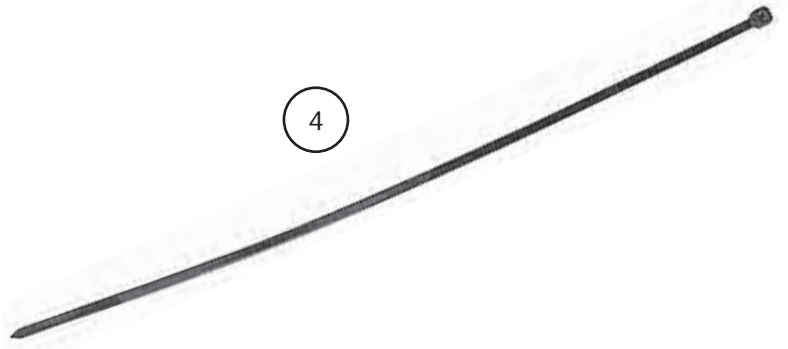
2



3



4



**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 kit was designed on a 1994 Chevrolet Silverado 1500. Images and steps may vary between different years and models.

1. Remove the (4) screws holding the dash bezel, then remove it (See Photo 1, below). Disconnect the light switches, dimmer and fog lamps if equipped.
2. Remove the (4) screws holding the A/C controls. Unplug the control, then remove.
3. Remove the OEM wiring harness that was plugged into the OEM evaporator unit.

Remove (4) screws holding dash bezel, then remove it

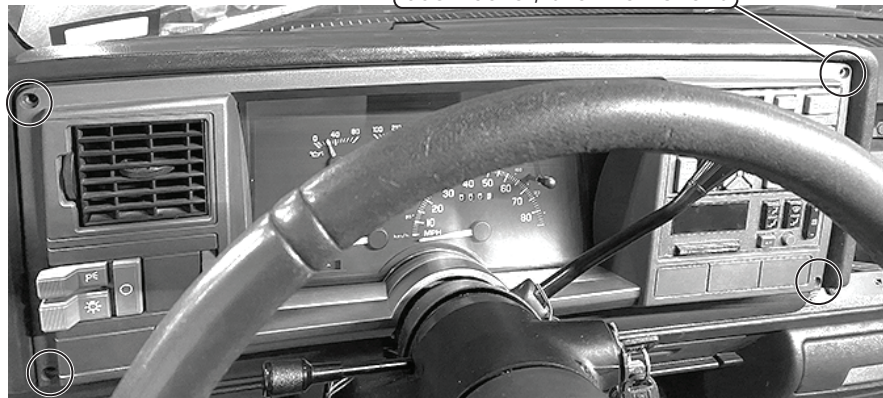


Photo 1

## Control Panel Installation

1. Route the control panel wiring harness through the opening on the dash.
2. Loosely install the (2) OEM screws on the right side of the control panel, then slide the it under the screws (See Photo 1, below).
3. Using the (2) #6 x 1/2" thread-forming screws, secure the left side of the control panel (See Photo 2, below). Once the left side is secured, tighten the screws on the right side.



Loosely install (2) OEM screws on right side of control panel, then slide it under the screws

Photo 1

Install (2) #6 x 1/2" thread-forming screws to secure left side of control panel

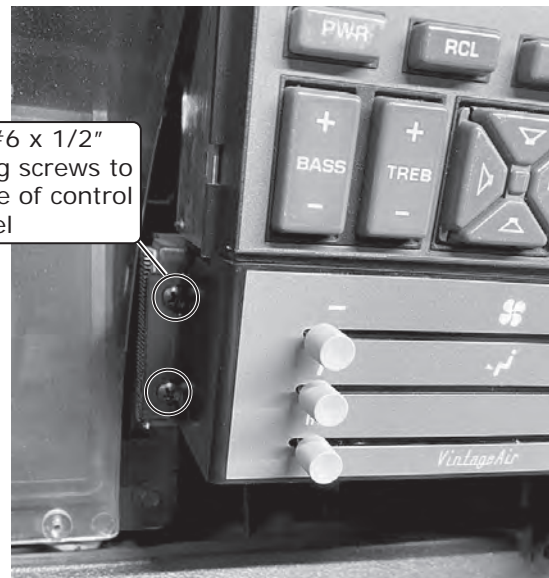


Photo 2



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## Control Panel Installation (Cont.)

4. Route the wiring harness over to the evaporator module, then plug it into the ECU (See Photo 3, below).  
**NOTE: The ECU module is located on the evaporator sub case. When using a Vintage Air supplied control panel, connect the tan wire from the Gen IV wiring harness (232010) or Gen 5 wiring harness (231505) to the factory dash lights to enable backlighting.**
5. Secure the wiring harness using the supplied 11" tie wraps as necessary.
6. Reinstall the dash bezel (See Photo 4, below).



Route wiring harness over to ECU, then plug it in

Photo 3

**NOTE: Connect tan wire from Gen IV or Gen 5 wiring harness to factory dash lights to enable control panel backlighting.**

Reinstall dash bezel

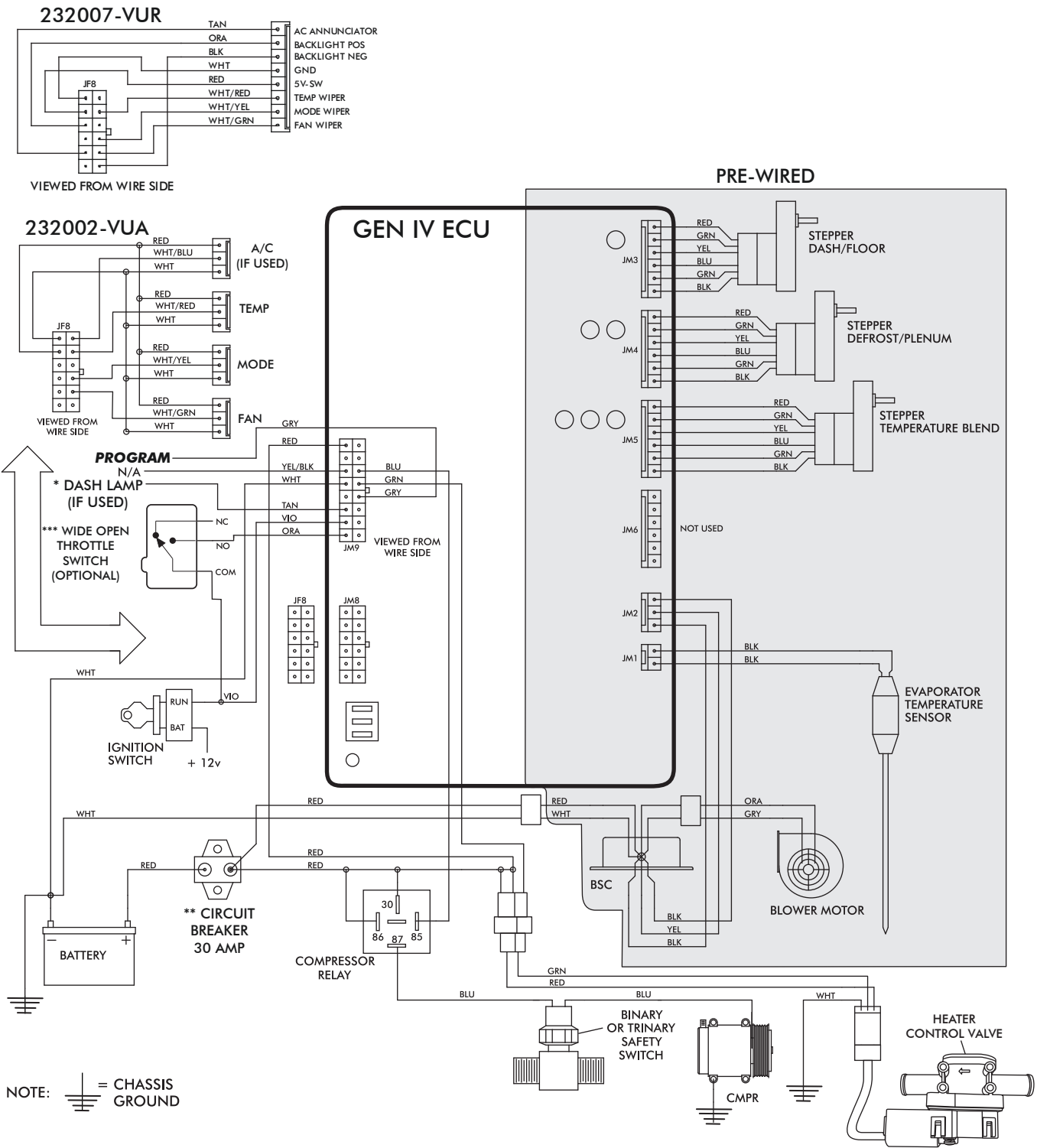


Photo 4



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# Gen IV Wiring Diagram



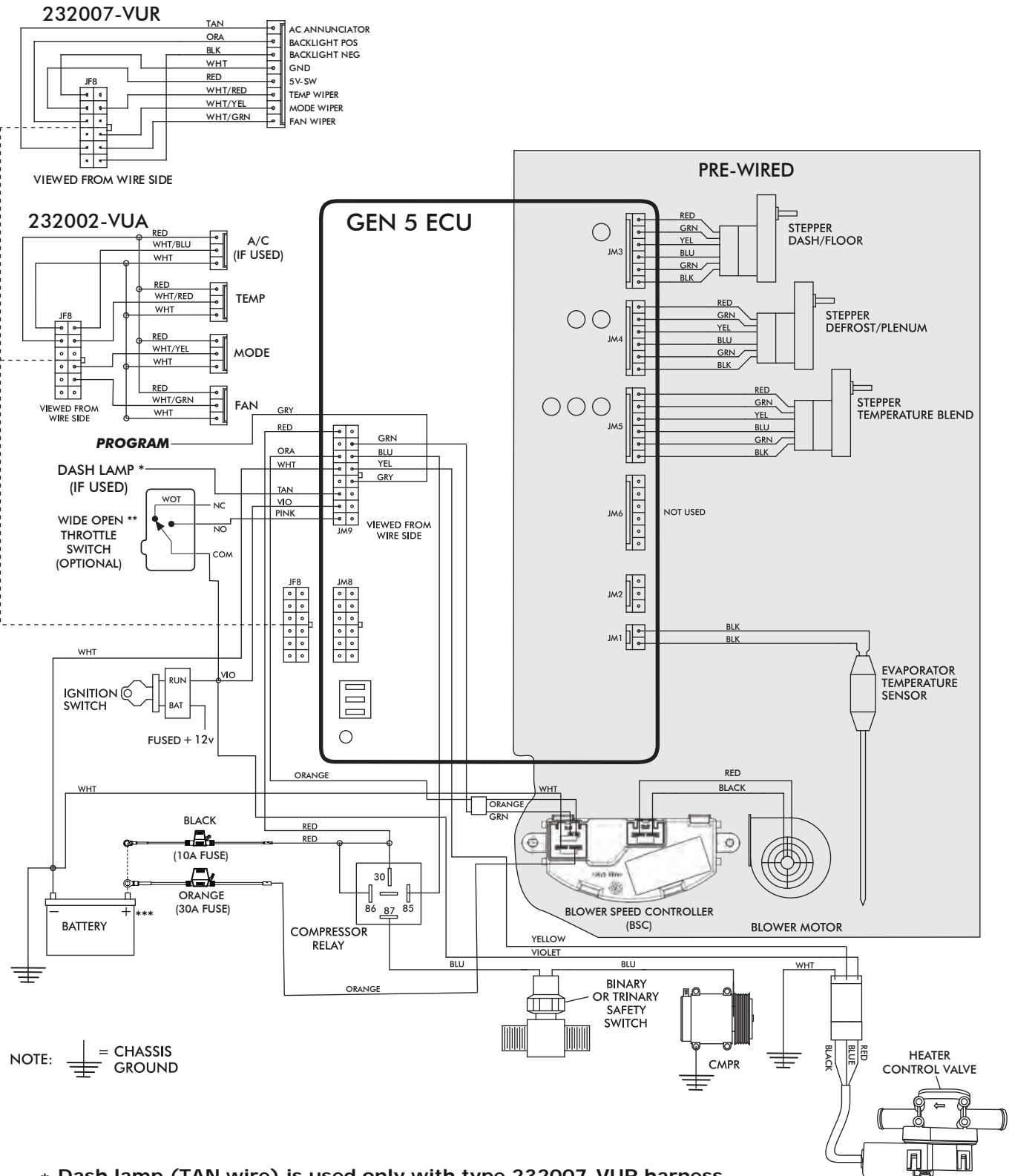
NOTE: = CHASSIS GROUND

- \* 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 or 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

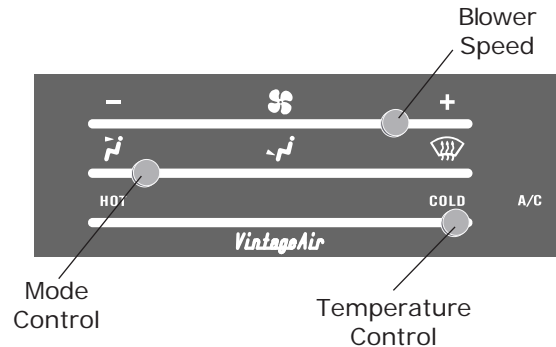
This lever/knob controls blower speed, from OFF to HI.

### 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

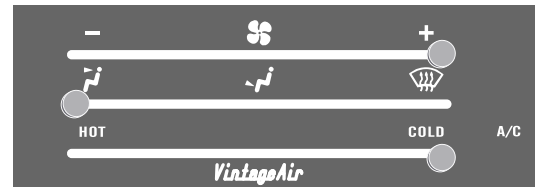
Adjust to desired speed.

### 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

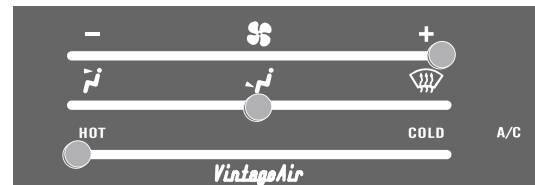
Adjust to desired speed.

### 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.

### Mode Control

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

### Temperature Control

Adjust to desired temperature.









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3.	2	182354	Screw, #6 x 1/2", Thread-Forming
4.	2	21300-VUP	Tie Wrap, 11"

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

1



2



3



4



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