1969-72 Pontiac GTO

with **Factory Air**
Control Panel Kit
(473250, 473251)

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Packing List: 1969 Pontiac GTO Control Panel Kit (473250)

No.	Qty.	Part No.	Description	
1.	1	473254	Control Panel Assembly	_____
2.	1	232007-VUR	Control Harness, Universal	_____
3.	4	18260-VUB	Nut with Star Washer, 10-24	_____

**** 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.

Packing List: 1970-72 Pontiac GTO Control Panel Kit (473251)

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OEM Control Panel Removal

Perform the Following:

1. Disconnect the main wiring harness plug from the OEM control panel (See Photo 1, below).

2. Remove the light bulb from the control panel (See Photos 2 and 3, below).

3. Disconnect the control panel light power wire plug (See Photo 4, below).

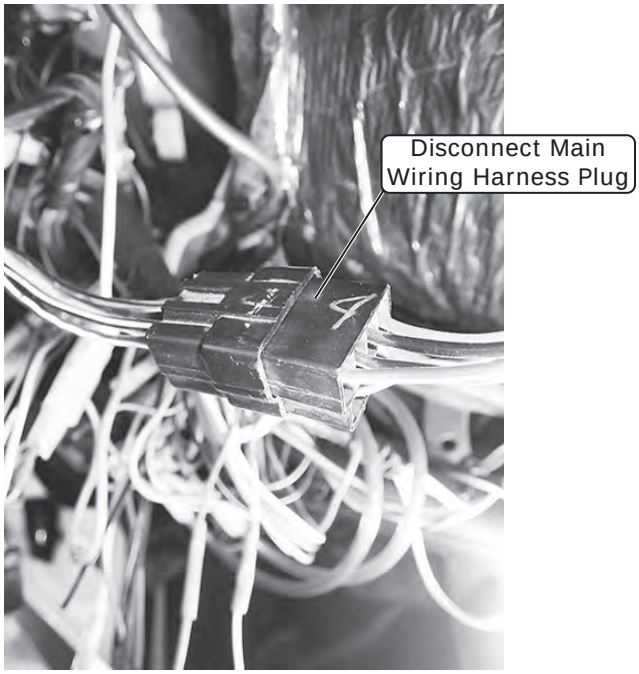

Photo 1

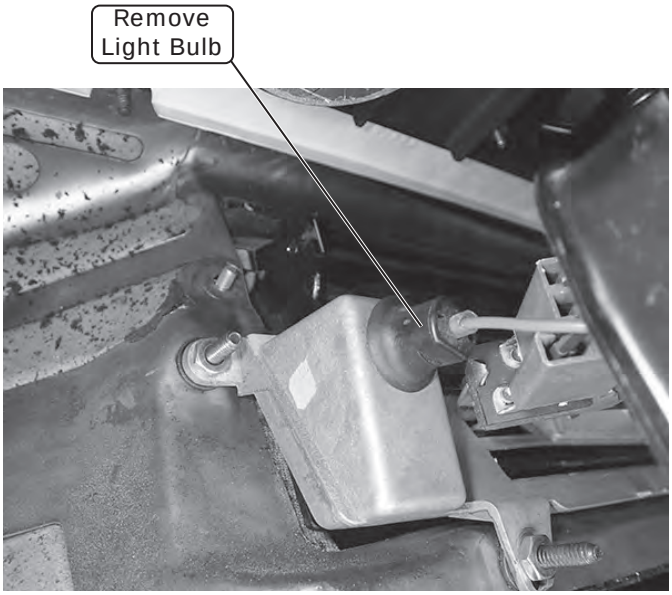

Photo 2

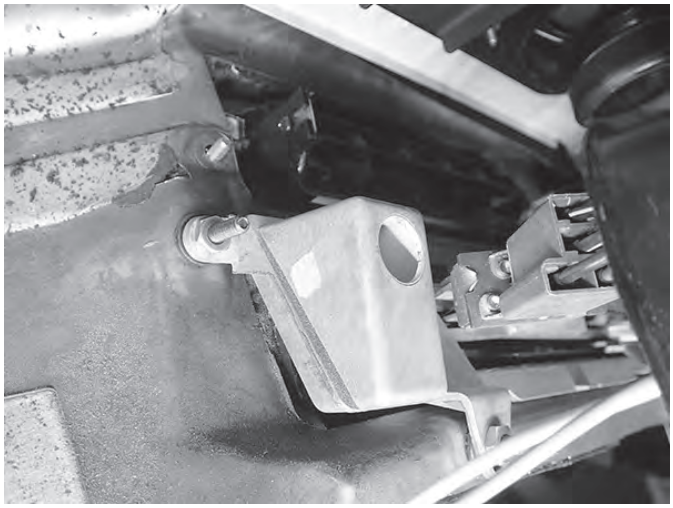

Photo 3

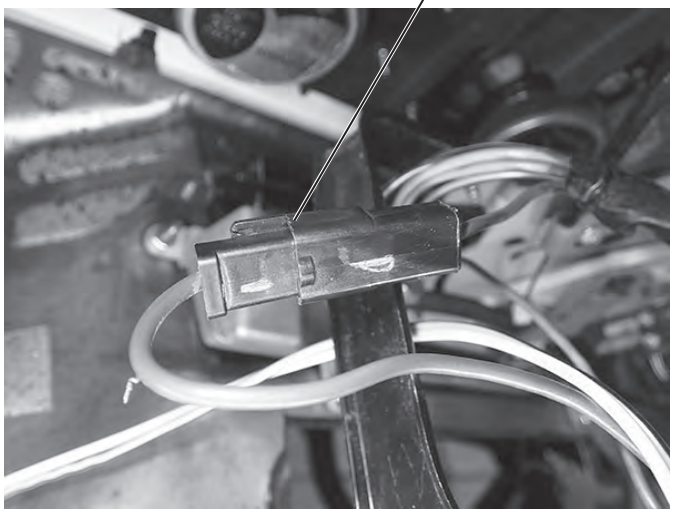

Photo 4

OEM Control Panel Removal (Cont.)

4. Remove the OEM control panel support bracket screw (discard) (See Photos 5 and 6, below).
5. Detach the OEM control panel from the dash by removing the (4) mounting nuts (discard) (See Photos 7 and 8, below).
6. Remove the OEM control panel from the dash (discard).

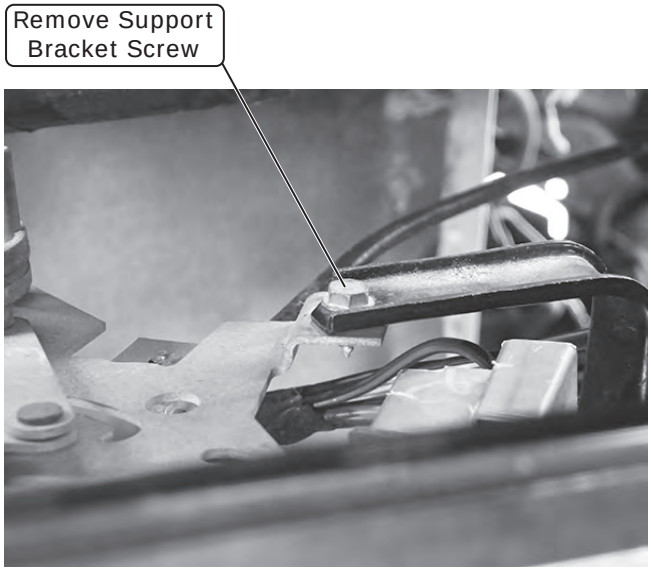

Photo 5

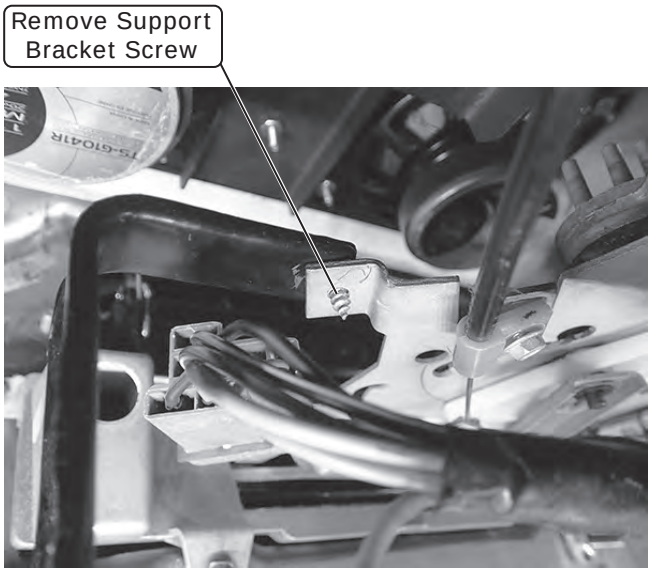

Photo 6

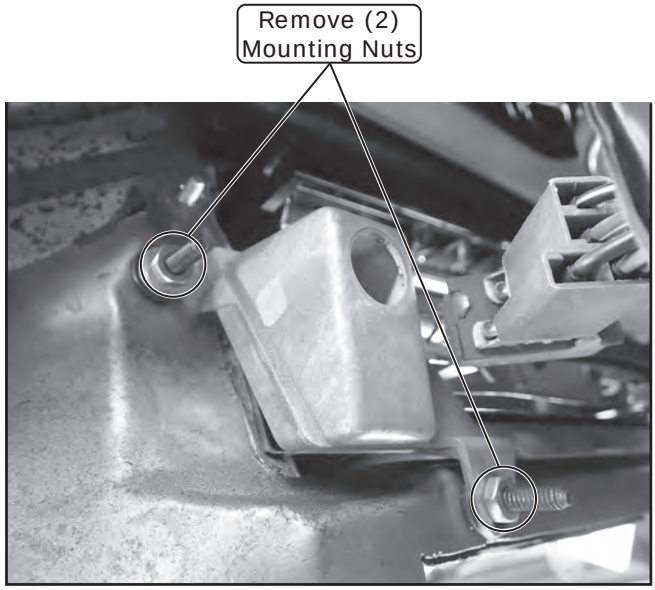

Photo 7

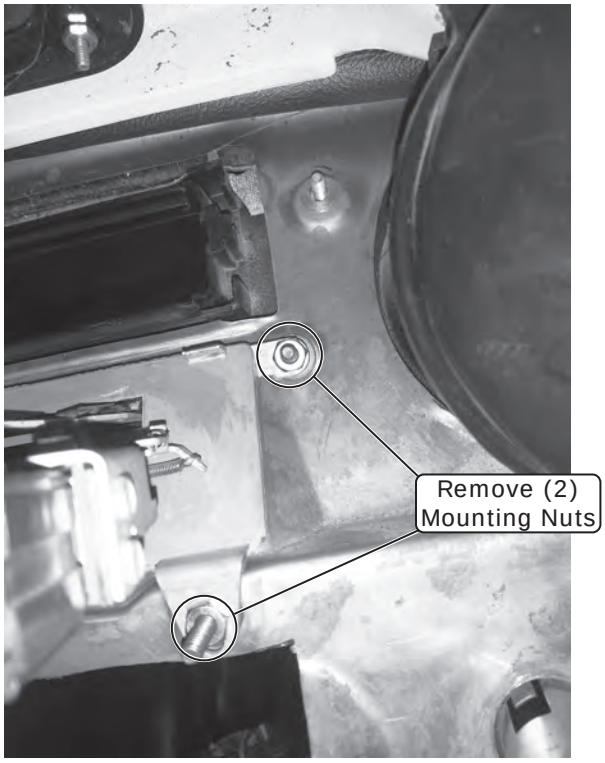

Photo 8

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Control Panel Installation

1. Install the new control panel and secure it using (4) 10-24 nuts with star washers (See Figure 1, below).
NOTE: The left and right tabs will bend while tightening to adjust the control panel into the dash. Tighten the nuts as necessary.

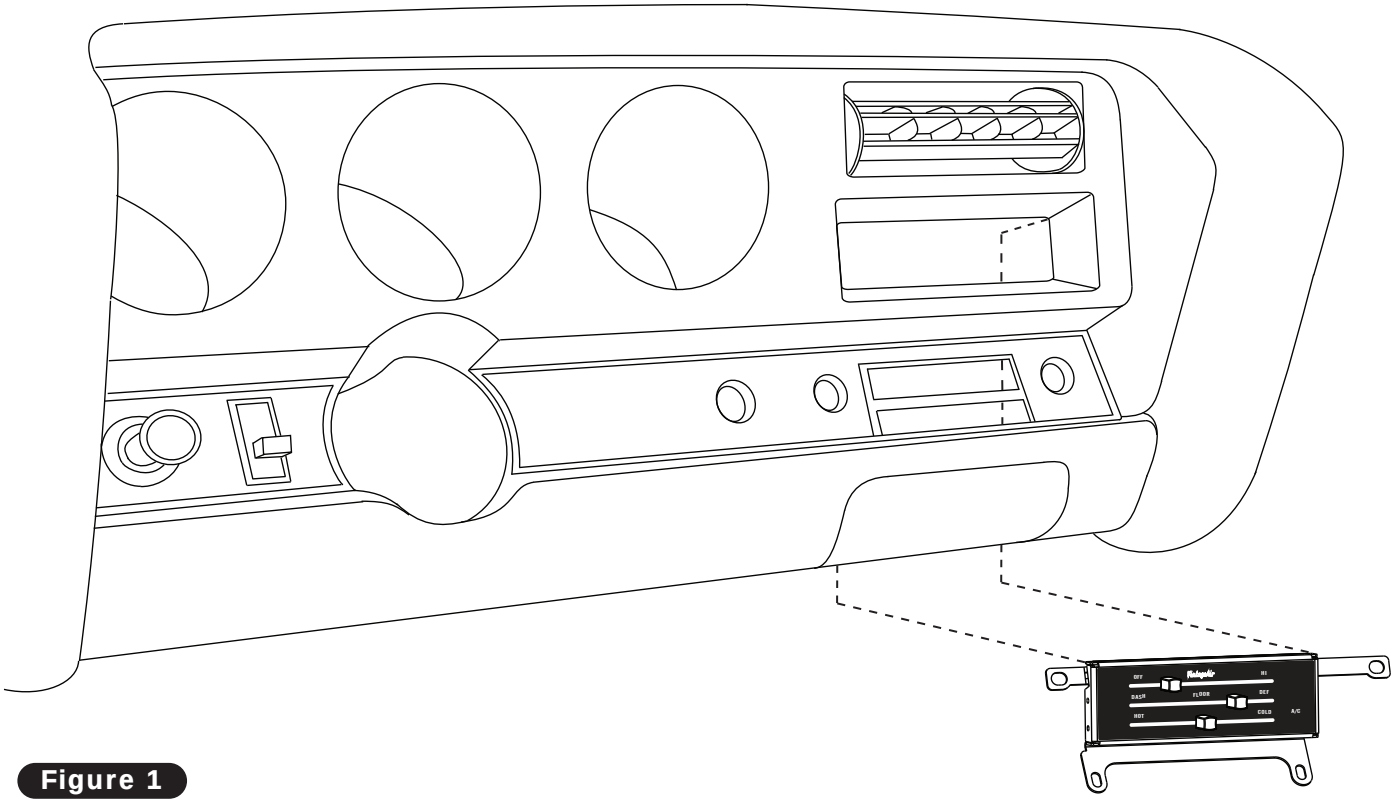


Figure 1

Control Harness Installation

1. Plug the control panel harness connector into the ECU (See Photos 1 and 2, 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 evaporator wiring harness (232010) or the Gen 5 wiring harness (231505) to the factory dash lights to enable panel backlighting.**

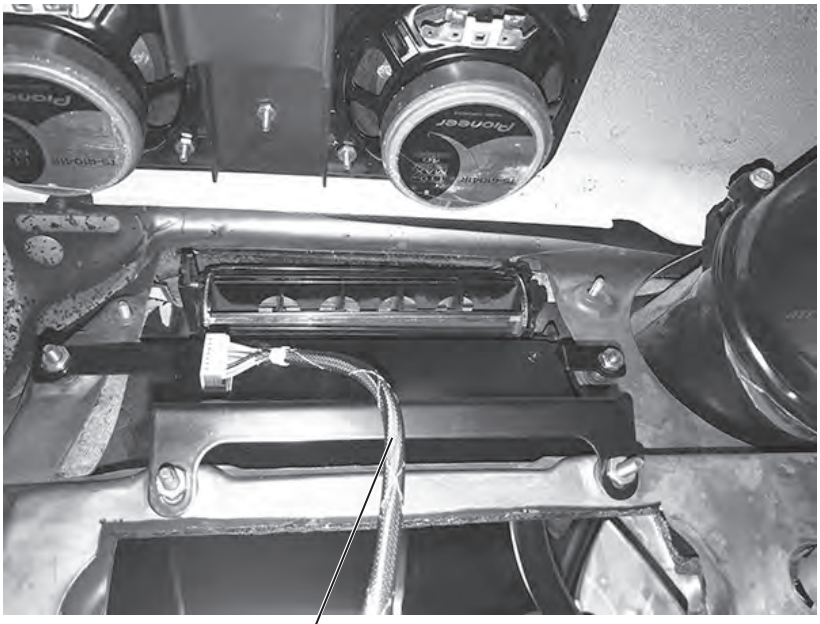


Photo 1

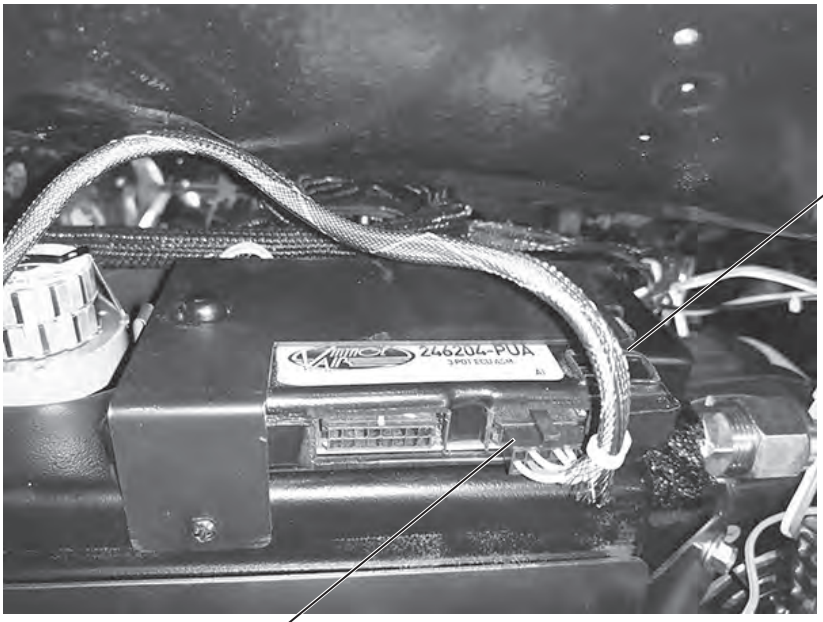
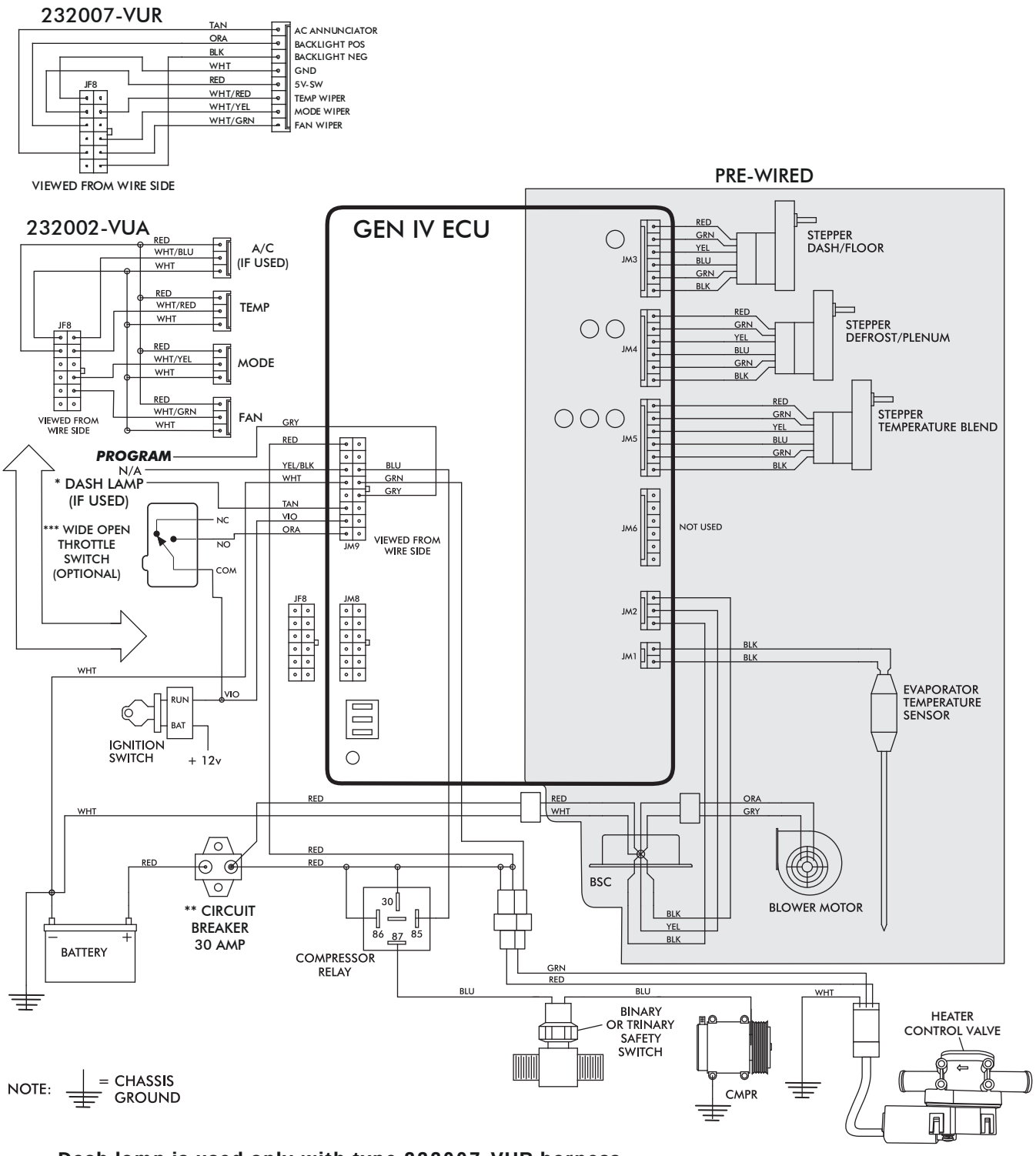


Photo 2

Gen IV Wiring Diagram

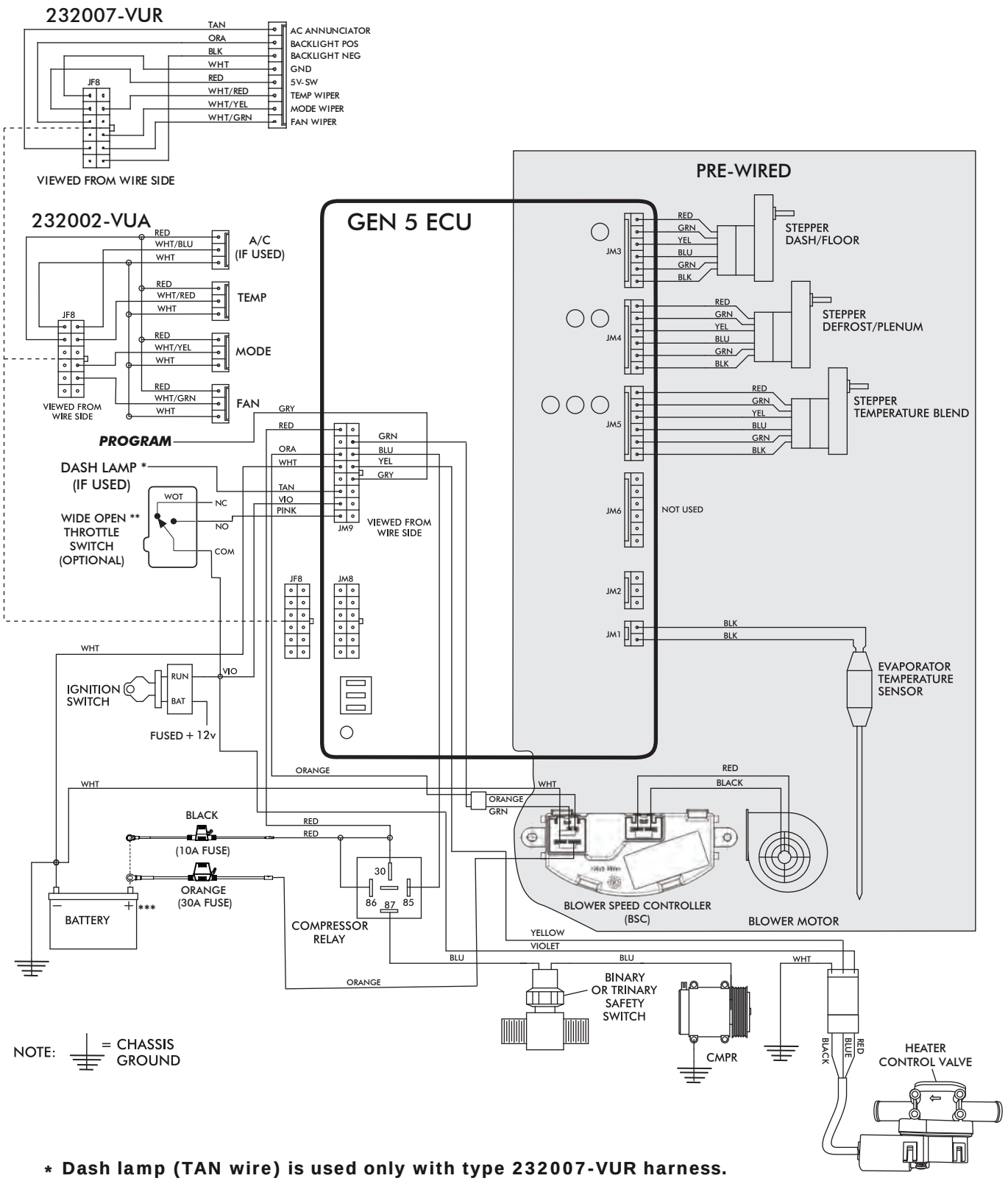


* **Dash lamp is used only with type 232007-VUR harness.**

** **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.**

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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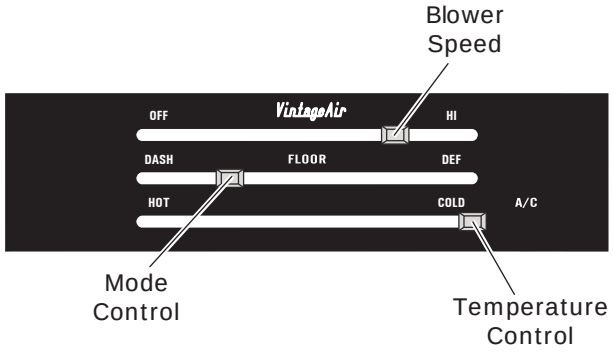
Operation of Controls

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 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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Packed By: _____

Date: _____

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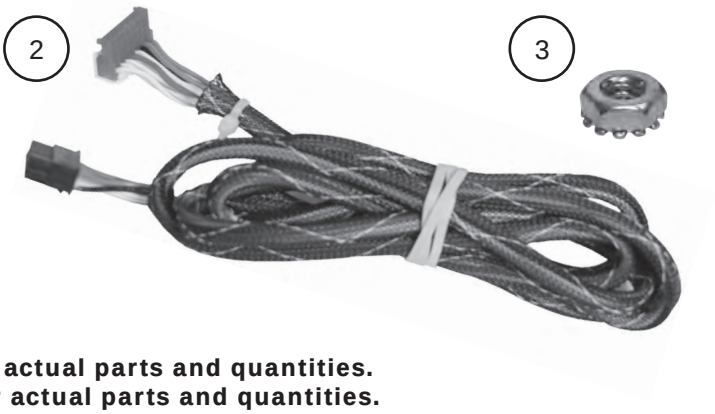

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