



an ISO 9001:2015 Registered Company

1982-88 GM G-Body

Control Panel Kit (474150)



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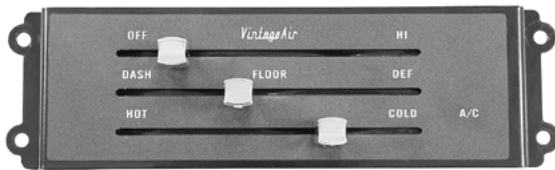
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Packing List: Control Panel Kit (474150)

| No. | Qty. | Part No. | Description |
|-----|------|------------|----------------------------------|
| 1. | 1 | 474149 | Control Panel Assembly |
| 2. | 1 | 232007-VUR | Gen IV Universal Control Harness |

**** 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 1984 GM Monte Carlo, pictures and steps may vary between different years and models. The radio does not have to be removed on this application

1. Remove the radio and lighter knobs, then the bezel by removing (4) dash trim bezel screws (See Photo 1, below).
2. Disconnect the lighter connection and remove the (4) control panel mounting screws. (See Photo 2, below).
3. Remove the light, plugs, vacuum lines and cables from the control panel (See Photo 3, below).
4. Remove the OEM control panel from the dash (discard).

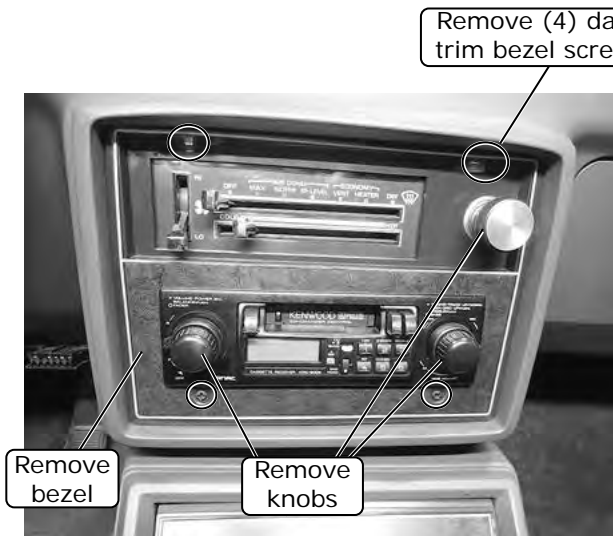


Photo 1

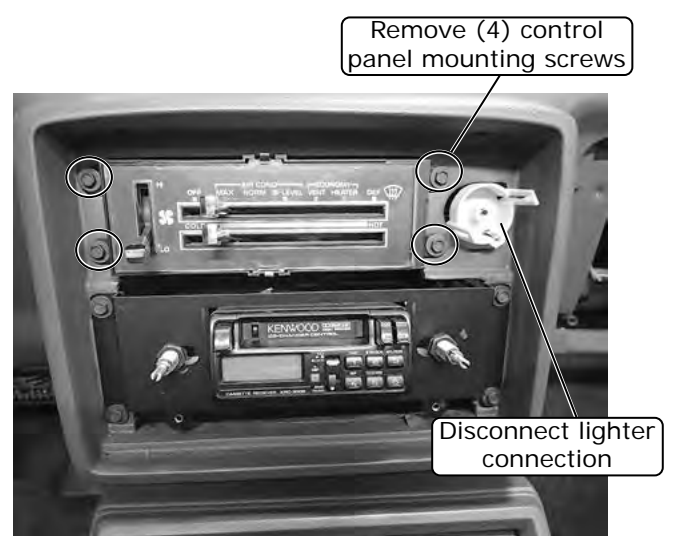


Photo 2

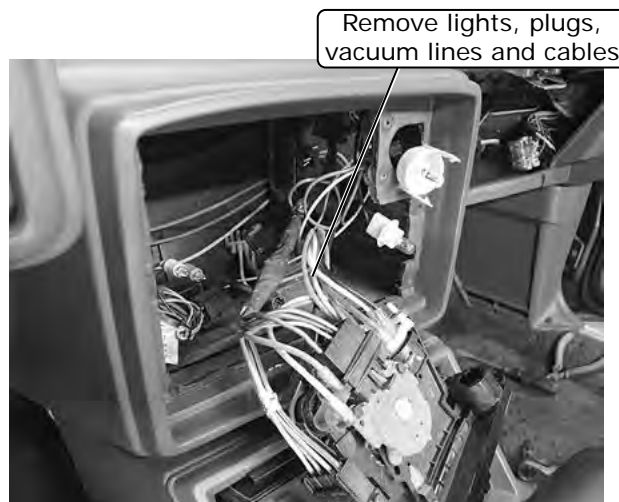


Photo 3



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Control Panel Installation

1. Install the new control panel into the dash opening, routing the wiring harness to the ECU. Secure the control panel using the (4) OEM screws (See Photo 1, below).
2. Reinstall the trim bezel with OEM screws, then the radio bezel and knobs (See Photo 2, below).

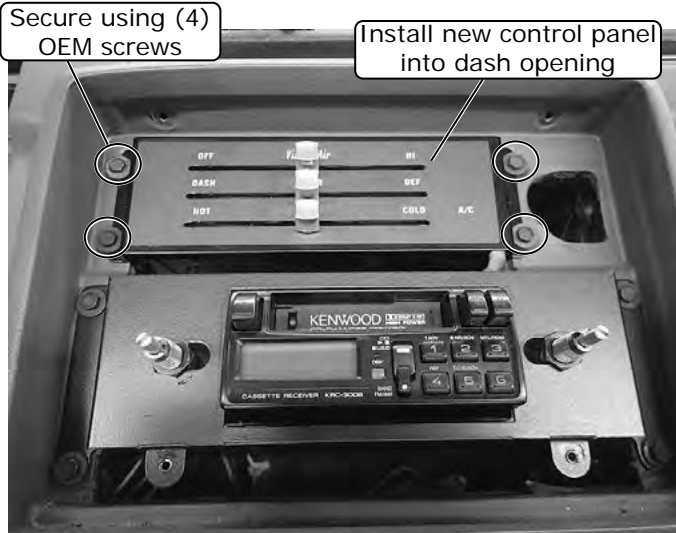


Photo 1

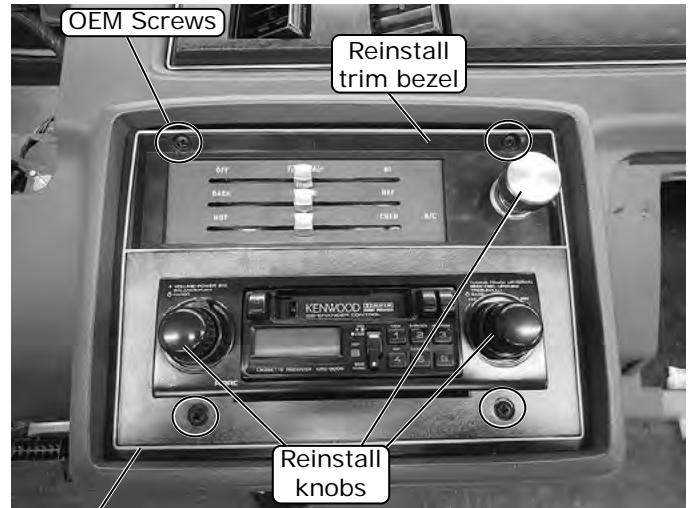


Photo 2

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

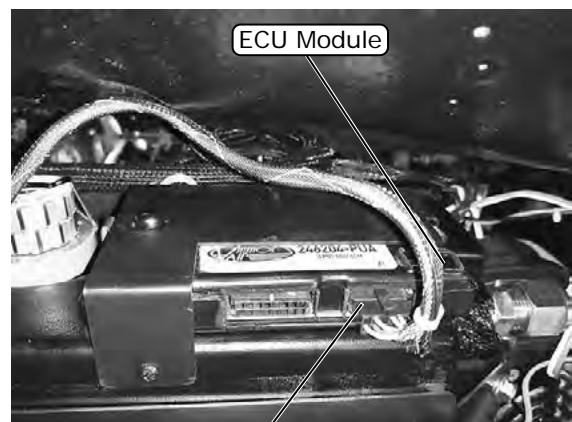


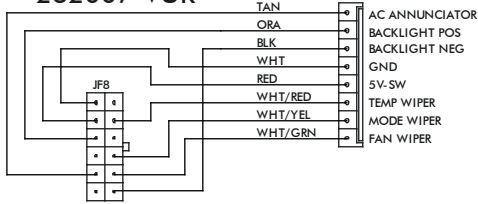
Photo 2



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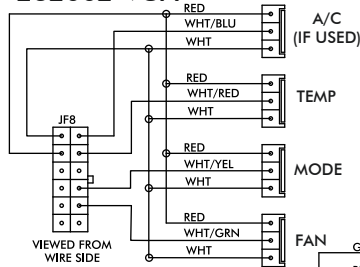
Wiring Diagram

232007-VUR



VIEWED FROM WIRE SIDE

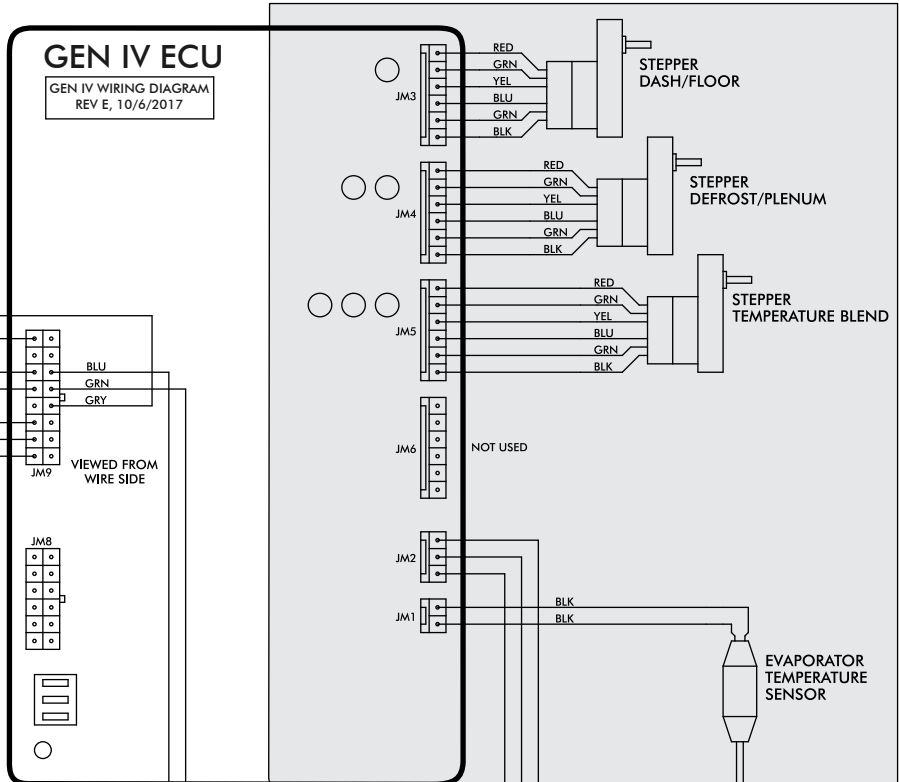
232002-VUA



VIEWED FROM WIRE SIDE

GEN IV ECU

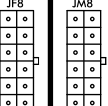
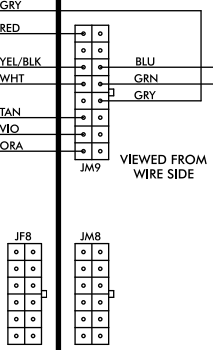
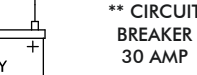
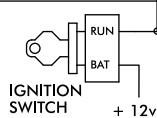
GEN IV WIRING DIAGRAM
REV E, 10/6/2017



PRE-WIRED

PROGRAM

N/A
* DASH LAMP (IF USED)
*** WIDE OPEN THROTTLE SWITCH (OPTIONAL)



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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Operation of Controls

On Gen IV 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 between operations, to indicate the change.

Blower Speed

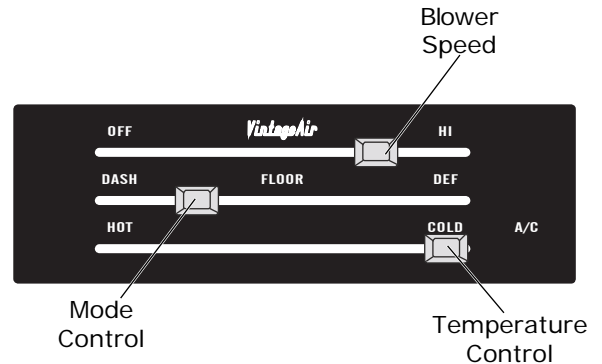
This lever/knob controls blower speed, from OFF to HI.

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

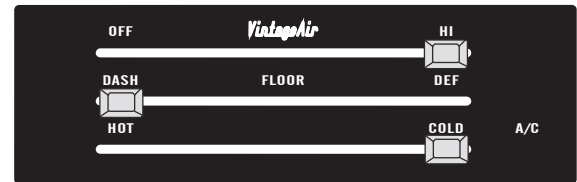
Adjust to desired speed.

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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Checked By: _____
Packed By: _____
Date: _____

1



2



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