



1953-56 Ford F-100

Control Panel Kit
(491275)



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Packing List: Control Panel Kit (491275)

No.	Qty.	Part No.	Description
1.	1	491274	Control Panel Assembly
2.	1	232007-VUR	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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Control Panel Installation

1. Install the control panel assembly into the dash by placing the control panel bracket behind the dash and securing it to the control panel assembly using a 10-24 nylon locknut (See Figure 1, below).
2. Plug the control panel wiring harness into the control panel assembly and the ECU on the evaporator unit as shown in Figure 2, below.
3. Wire according to the wiring diagram on Page 6 for Gen IV systems or Page 7 for Gen 5 systems.

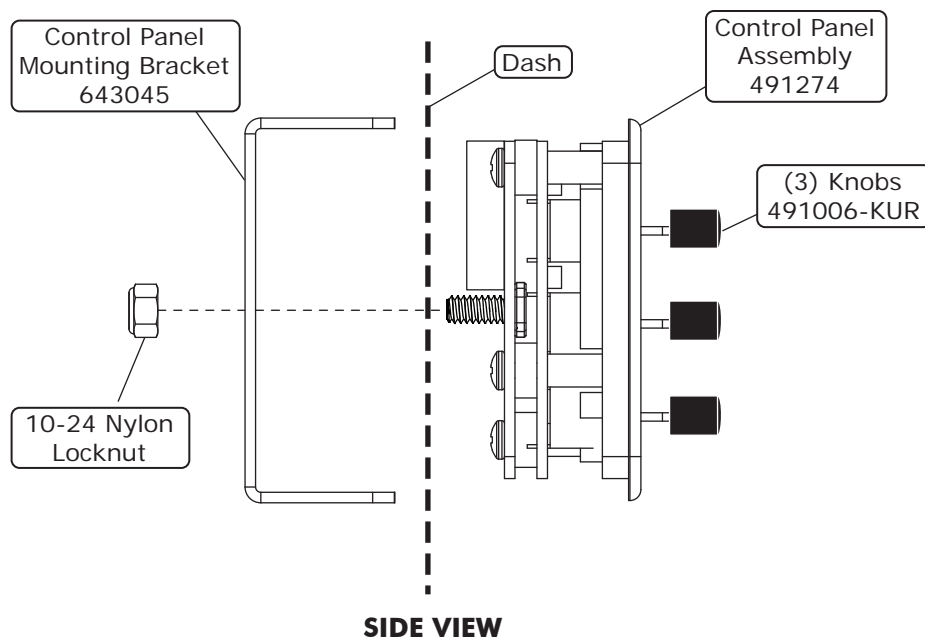


Figure 1

NOTE: When using a Vintage Air supplied control panel, connect the TAN 20 AWG wire from the Gen IV evaporator wiring harness (232010) or the Gen 5 evaporator wiring harness (231505) to the factory dash lights to enable panel backlighting.

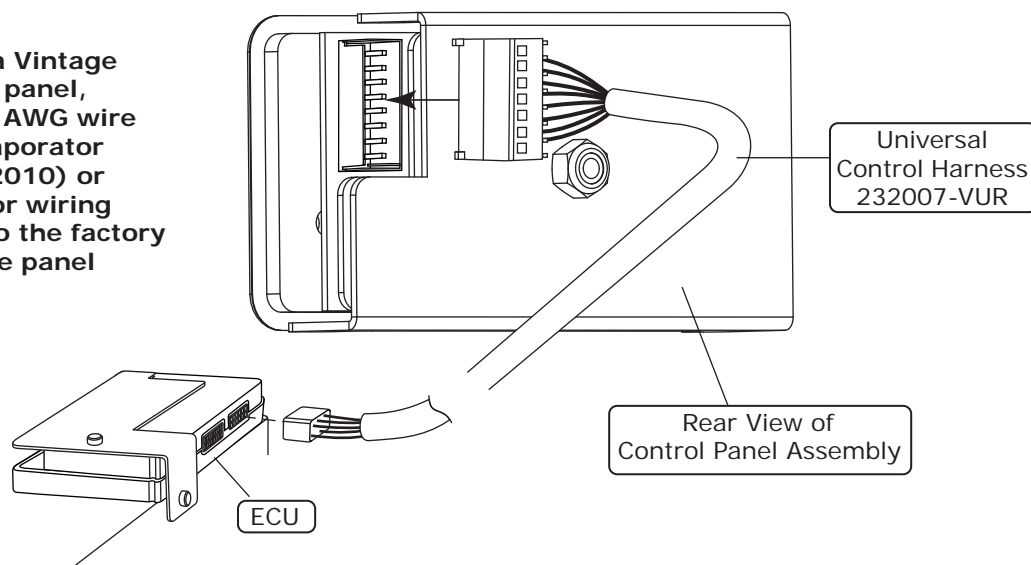


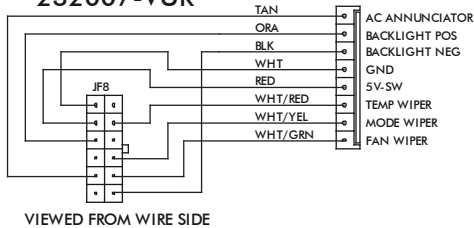
Figure 2



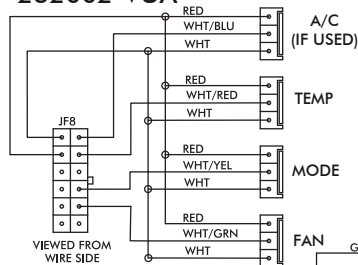
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Gen IV Wiring Diagram

232007-VUR

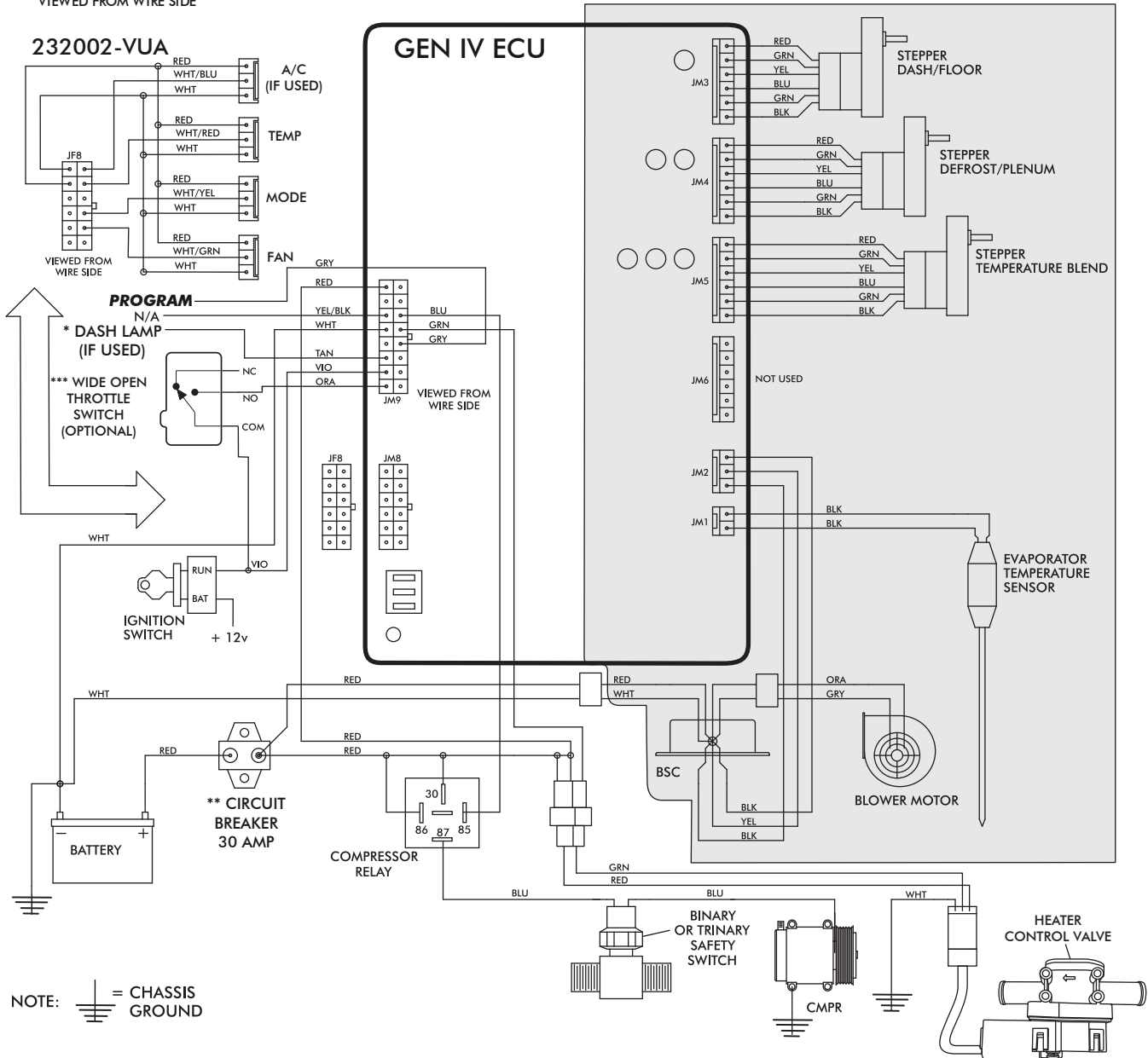


232002-VUA



GEN IV ECU

PRE-WIRED



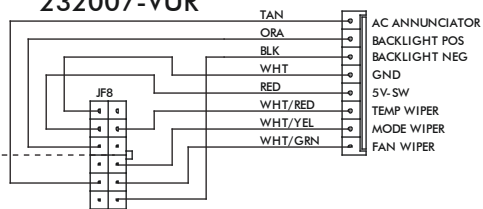
* Dash lamp is used only with type 232007-VUR harness.

** 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.

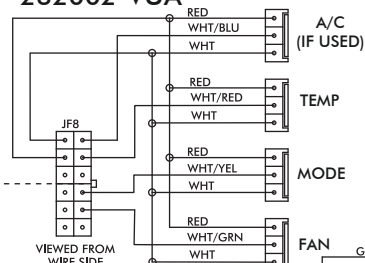


232007-VUR



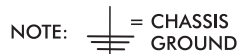
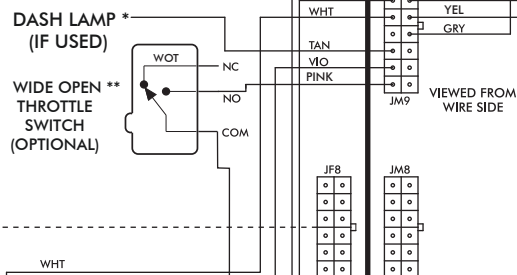
VIEWED FROM WIRE SIDE

232002-VUA



VIEWED FROM
WIRE SIDE

PROGRAM



- 6



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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

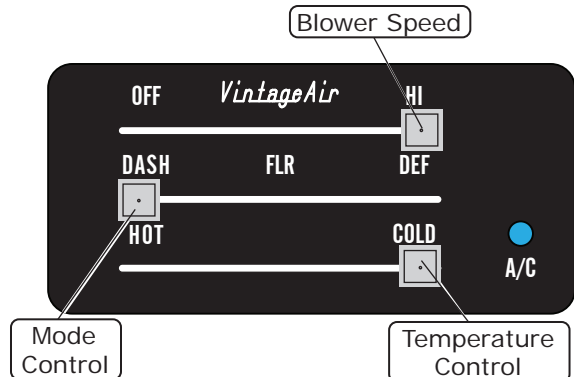
This lever/knob controls blower speed, from OFF to HI.

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.



A/C Operation

Blower Speed

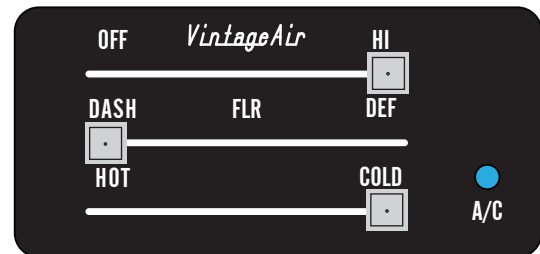
Adjust to desired speed.

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

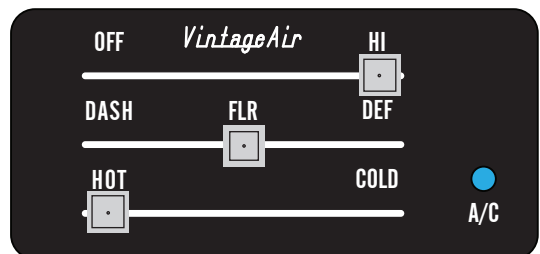
Adjust to desired speed.

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

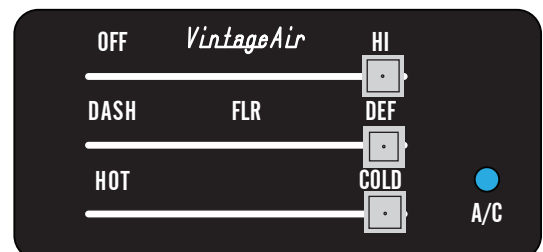
Adjust to desired speed.

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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No.	Qty.	Part No.	Description
1.	1	491274	Control Panel Assembly
2.	1	232007-VUR	Universal Control Harness

Checked By: _____
Packed By: _____
Date: _____

1



2



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Refer to packing list for actual parts and quantities.