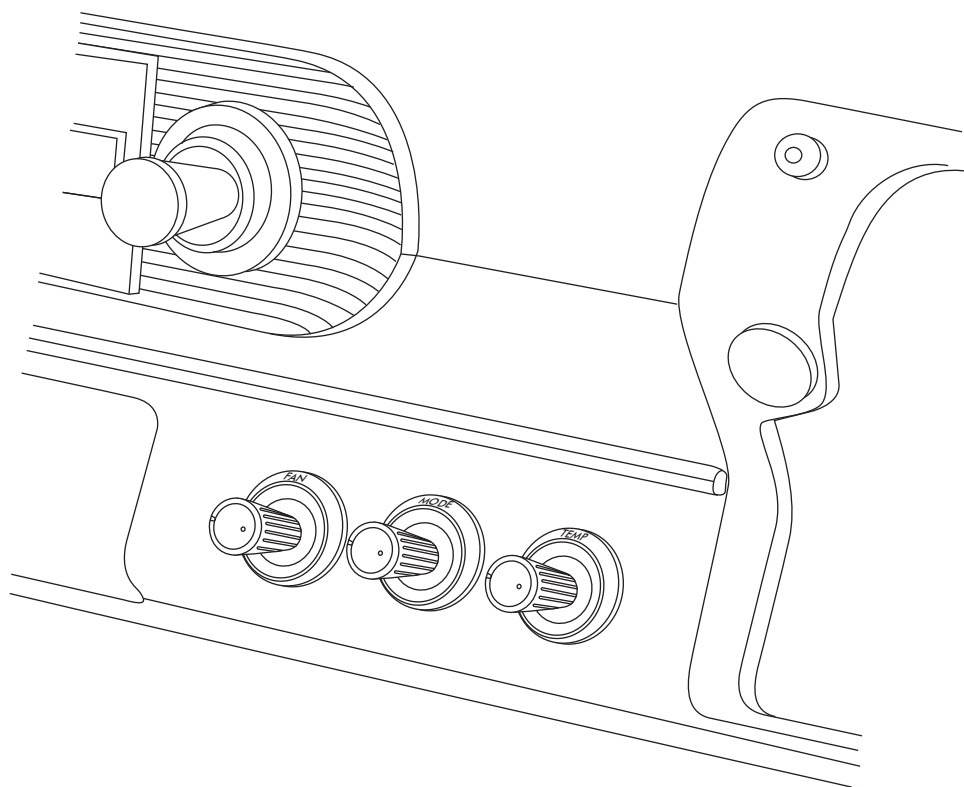




an ISO 9001: 2008 Registered Company

1962-65 NOVA

CONTROL PANEL
CONVERSION KIT
473061



18865 GOLL ST. - SAN ANTONIO, TX. - 78266 ph.210-654-7171 - fax 210-654-3113



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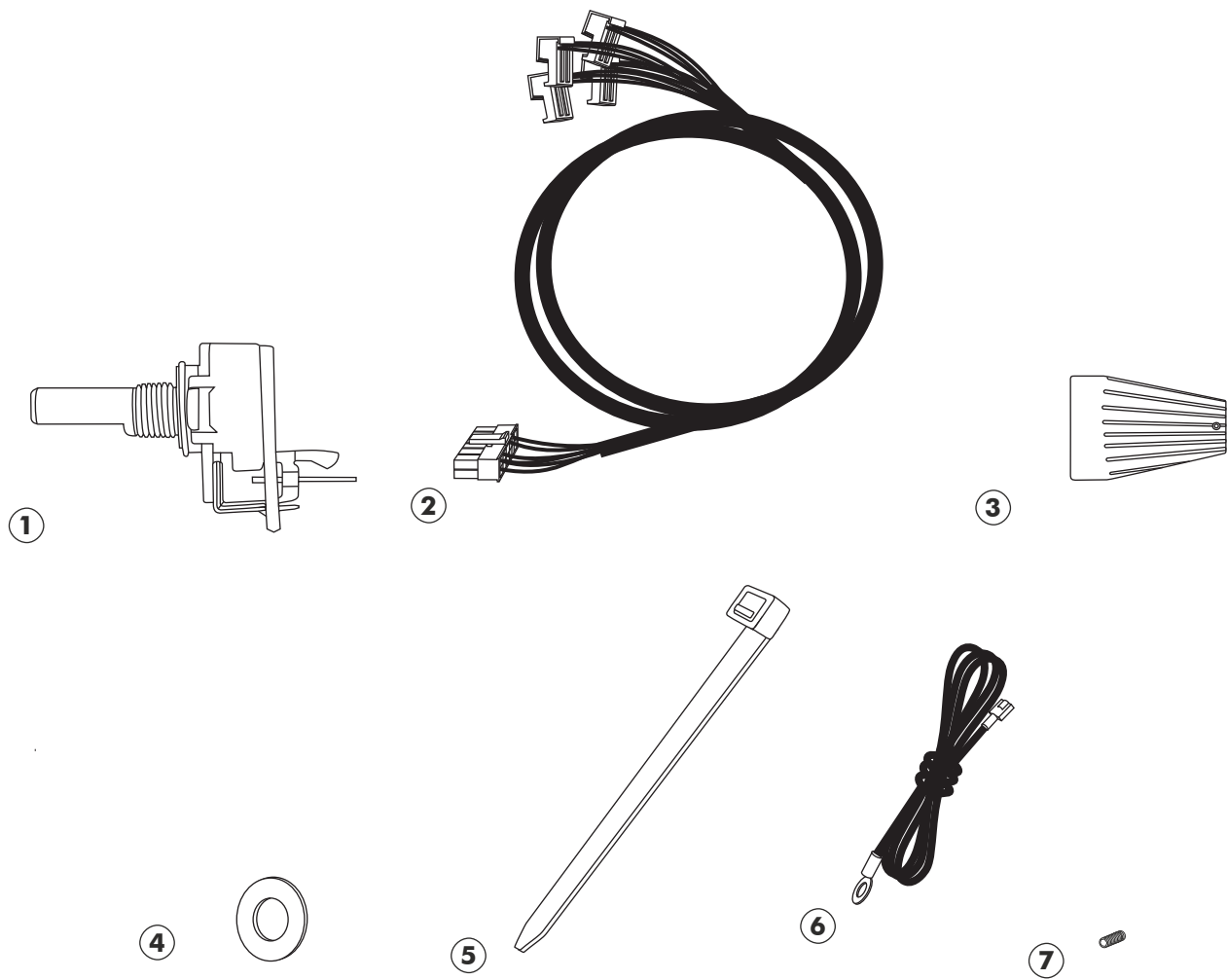
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CONTROL KIT 473061

No	QTY	PART No.	DESCRIPTION
1.	3	246018-0	ROTARY POT ASSEMBLY
2.	1	232002-VUA	GEN IV UNIVERSAL CONTROL HARNESS
3.	3	497003	KNOB, ALUMINUM FLUTED
4.	3	186011	WASHER .625 OD x .281 ID
5.	5	21301-VUP	4" TIE WRAP
6.	1	231520	GROUND WIRE
7.	3	18399-VUB	4-40 X 3/16 SOCKET SET SCREW

**** 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.**

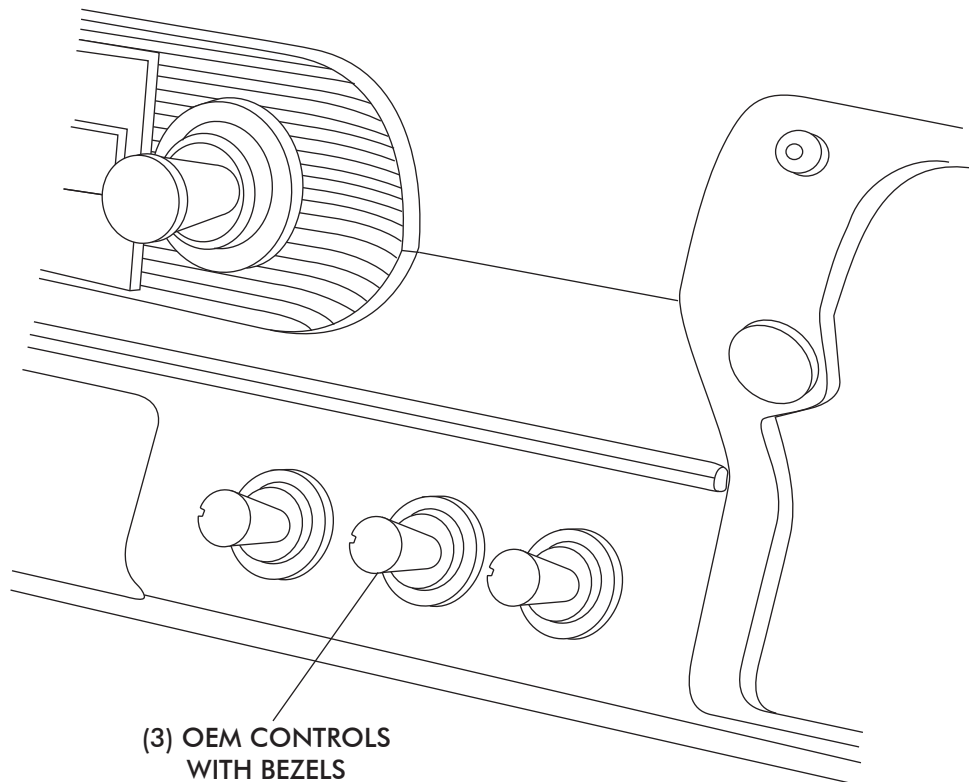




ROTARY POT CONTROL CONVERSION INSTRUCTIONS FOR 1962-65 NOVA

REMOVING OEM CONTROLS

- ☐ DISCONNECT CABLES AND WIRES FROM BACK OF CONTROLS.
- ☐ REMOVE THE (3) OEM CONTROLS (DISCARD).
- ☐ REMOVE THE (3) OEM BEZELS.

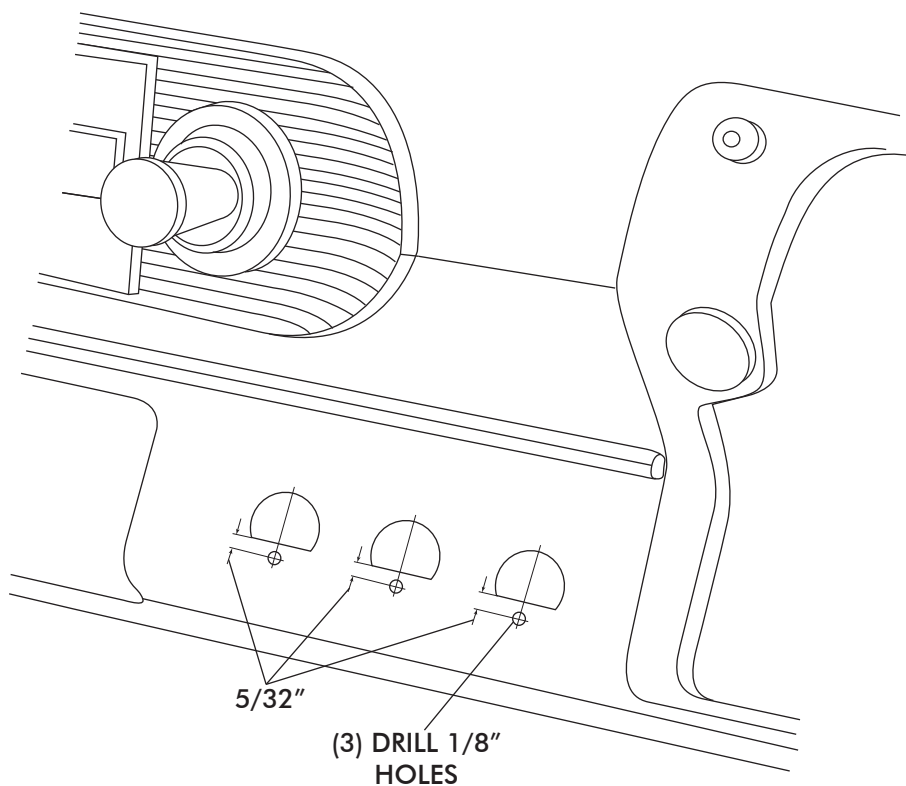


(3) OEM CONTROLS
WITH BEZELS

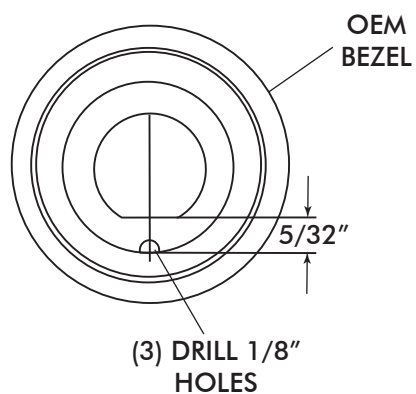


ROTARY POT MOUNTING MODIFICATION

- DRILL (3) 1/8" HOLES IN DASH AS SHOWN BELOW.



- DRILL (3) 1/8" HOLES IN OEM BEZEL AS SHOWN BELOW.

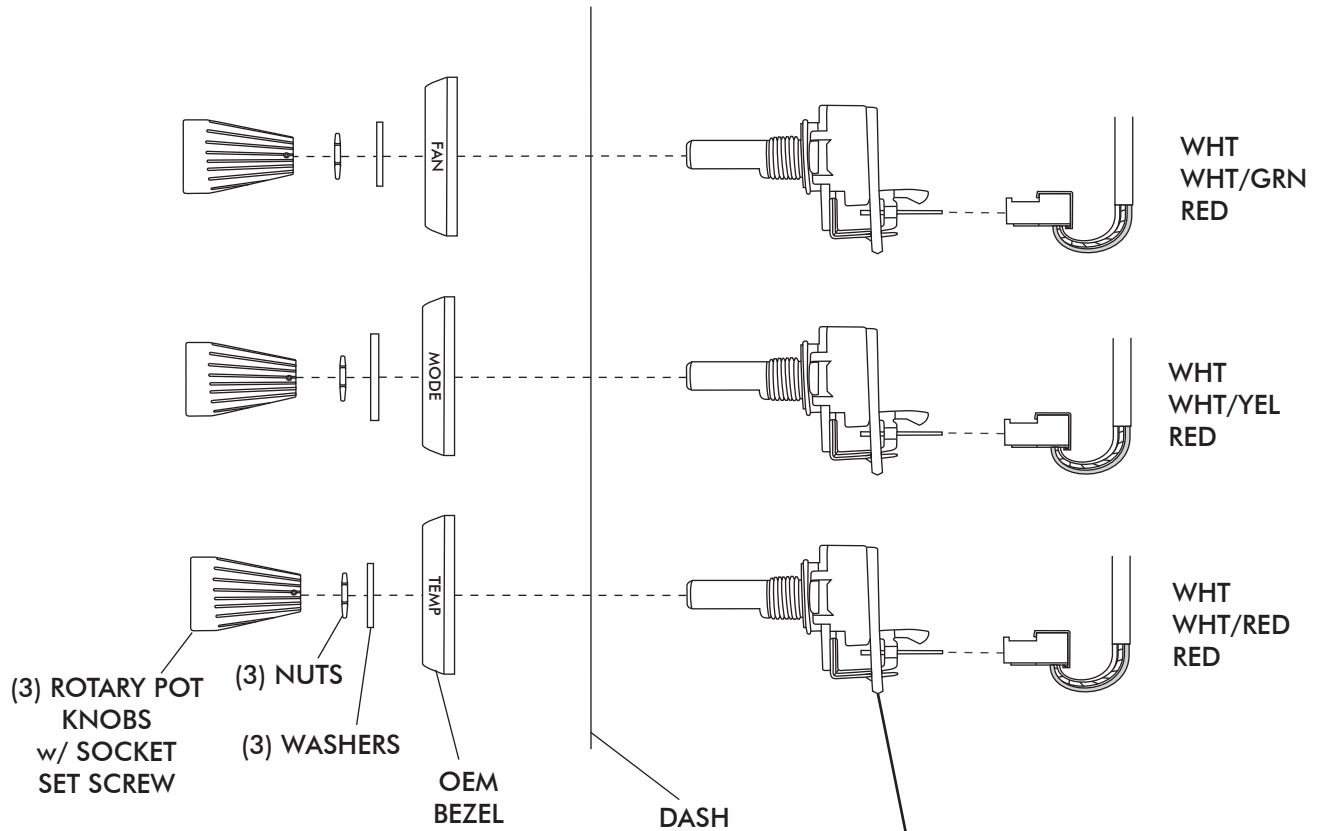




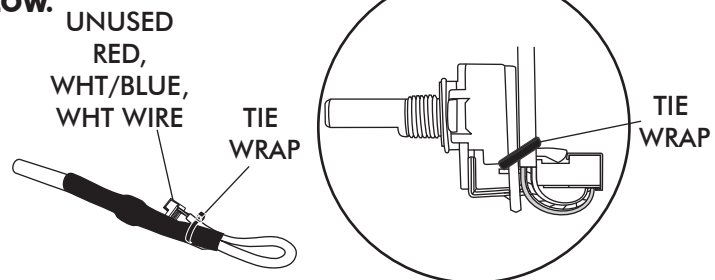
ROTARY POT INSTALLATION

- ☐ LOCATE THE (3) ROTARY POT ASSEMBLIES, AND INSTALL IN DASH AS SHOWN BELOW.
- ☐ TIE WRAP WIRES TO ROTARY POTS AS SHOWN.

TOP VIEW



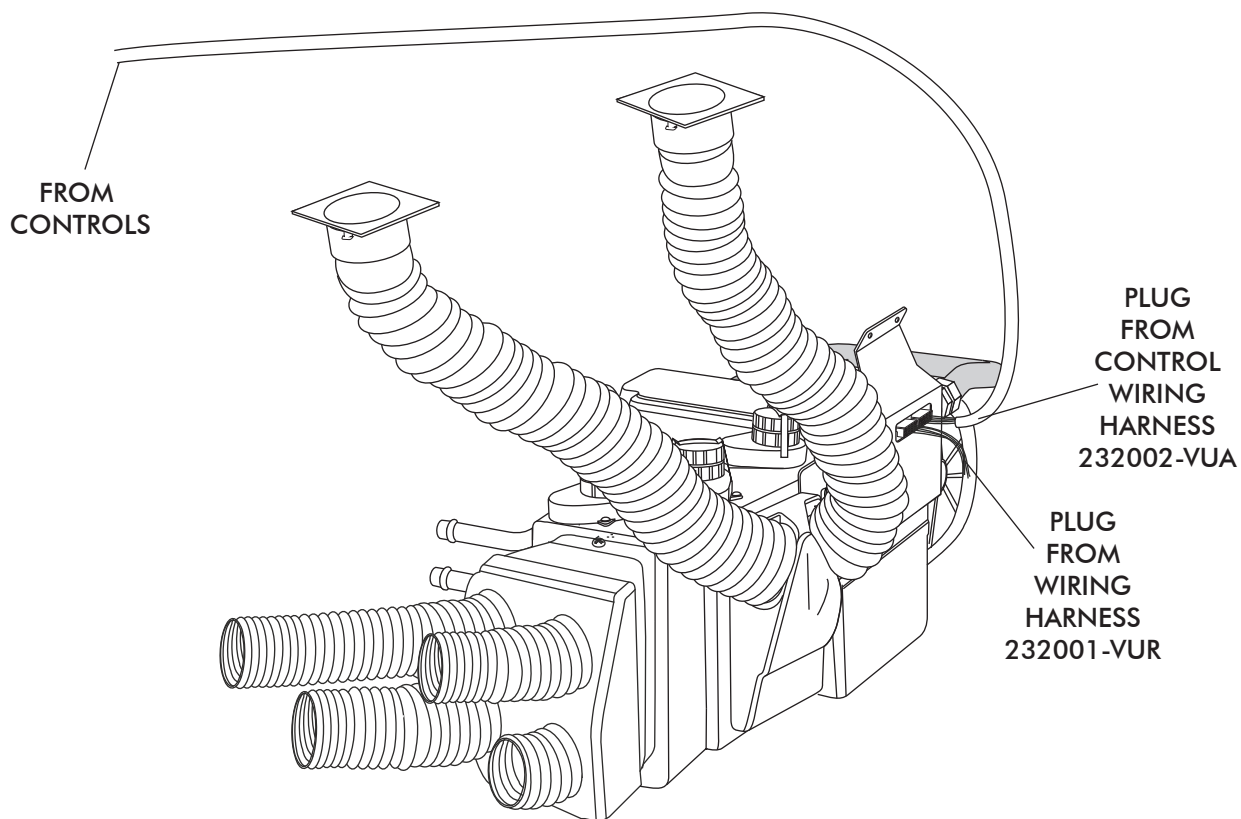
NOTE: TIE THE UNUSED WIRE TO THE WIRE HARNESS AS SHOWN BELOW.





FINAL STEPS

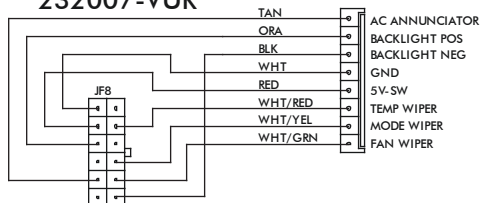
- ☐ PLUG THE WIRING HARNESSES INTO THE ECU MODULE ON THE SUB CASE. SEE BELOW.
- ☐ WIRE ACCORDING TO WIRING DIAGRAM ON PAGE 8.





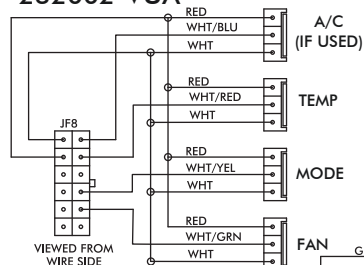
Wiring Diagram

232007-VUR



VIEWED FROM WIRE SIDE

232002-VUA



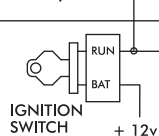
VIEWED FROM WIRE SIDE

PROGRAM

N/A

* DASH LAMP (IF USED)

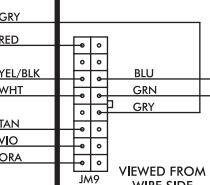
*** WIDE OPEN THROTTLE SWITCH (OPTIONAL)



IGNITION SWITCH + 12V

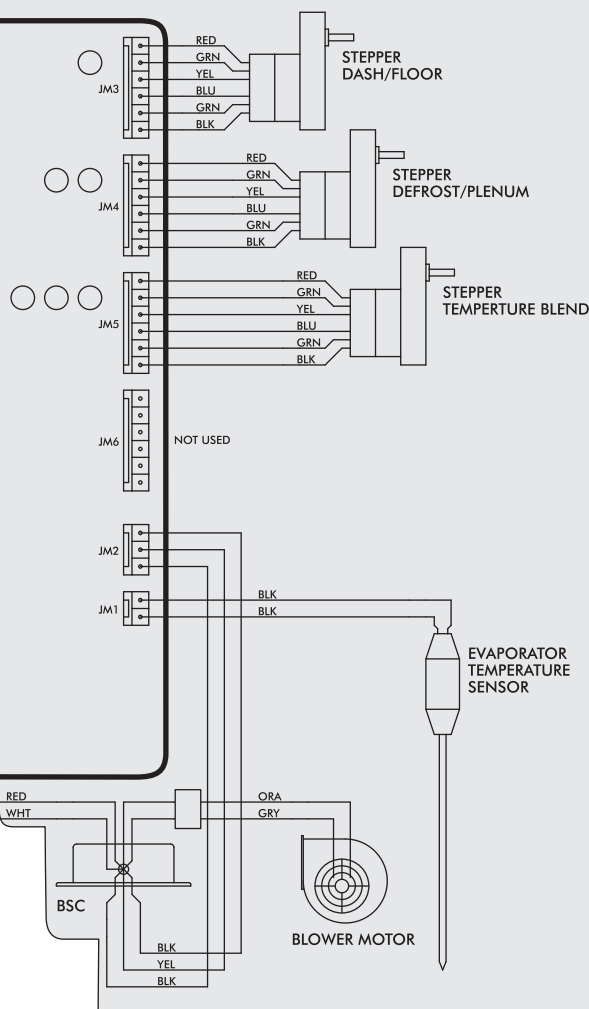
GEN IV ECU

GEN IV WIRING DIAGRAM
REV D, 5/6/2014



VIEWED FROM WIRE SIDE

PRE-WIRED



NOT USED

EVAPORATOR TEMPERATURE SENSOR

BLOWER MOTOR

BSC

BINARY OR TRINARY SAFETY SWITCH

CMPR

HEATER CONTROL VALVE

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 Routd to Avoid a Short Circuit).
- Wide Open Throttle Switch Contacts Close Only at Full Throttle, Which Disables A/C Compressor.



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. **NOTE: For proper control panel function, refer to control panel instructions for calibration procedure.**

Blower Speed

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

Mode Control

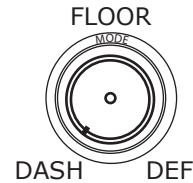
This lever/knob controls the mode positions, from DASH to FLOOR to DEFROST, with a blend in between.

Temperature Control

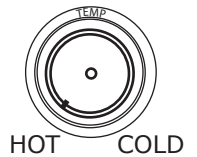
This lever/knob controls the temperature, from HOT to COLD.



Blower
Speed



Mode
Control



Temperature
Control

A/C Operation

Blower Speed

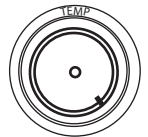
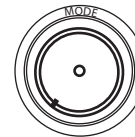
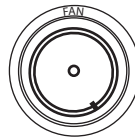
Adjust to desired speed.

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

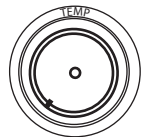
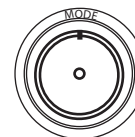
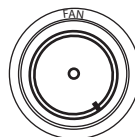
Adjust to desired speed.

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

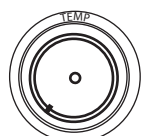
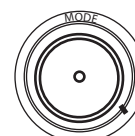
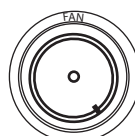
Adjust to desired speed.

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).





**CONTROL KIT
473061**

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1.	3	246018-0	ROTARY POT ASSEMBLY	_____
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4.	3	186011	WASHER .625 OD x .281 ID	_____
5.	5	21301-VUP	4" TIE WRAP	_____
6.	1	231520	GROUND WIRE	_____
7.	3	18399-VUB	4-40 x 3/16 SOCKET SET SCREW	_____

CHECKED BY: _____
 PACKED BY: _____
 DATE: _____

